# **Building Energy Data Exchange Specification (BEDES) Compliant Mapping**

Date3/14/2016ImplementationBuildingSync

Implementation Version V2.0 BEDES Version V1.2

For more information about BEDES, please visit <a href="https://bedes.lbl.gov/bedes-online">https://bedes.lbl.gov/bedes-online</a>

# Mapping of BuildingSync Version 2.0 to BEDES Version 1.2 - Project Data (Draft 3/14/16)

Enumerations are only listed when there is a difference between BuildingSync and BEDES, otherwise "=[value]" is used.

The BuildingSync enumerations must include all values to allow mapping, but some values in the corresponding BEDES term may not be used.

BEDES: notes in red text, yellow highlighting

BuildingSync Table			BuildingSync						
Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
Site	Occupancy Classification	[value]	n/a	Occupancy Classification	=[value]	n/a			
	Identifier Label	Premises	n/a	Identifier Label	Premises	n/a			
		Listing	n/a	4	Listing	n/a			
		Name Portfolio Manager Property	n/a n/a	1	Name Portfolio Manager Property	n/a n/a			
		ID	II/a		Portiono Manager Property	II/a			
		Portfolio Manager Standard	n/a	1	Other	n/a			
		Federal real property	n/a		Federal real property	n/a			
		Tax book number	n/a		Tax book number	n/a			
		Tax map number	n/a		Tax map number	n/a			
			n/a		Assessor parcel number	n/a			
		Tax parcel letter	n/a		Tax parcel letter	n/a			
			n/a	4	Custom	n/a			
			n/a		Other	n/a			
	Identifier Custom Name		n/a	(No corresponding field)					
	Identifier Value		n/a	Identifier Value	=[value]	n/a			
	Street Address Detail	[value]	n/a	(No corresponding field)		1.			Hierarchical element not used in BEDES
	Street Address	[value]	n/a	Address Line 1	=[value]	n/a		<b> </b>	
	Street Number Prefix	[value]	n/a	Address Number Prefix	=[value]	n/a		<b> </b>	
	Street Number Numeric	[value]	n/a	Address Number	=[value]	n/a			
	Street Number Suffix	[value]	n/a	Address Number Suffix	=[value]	n/a			
	Street Dir Prefix	[value]	n/a	Street Name Pre Directional	=[value]	n/a			
	Street Name		n/a	Street Name	=[value]	n/a			
	Street Additional Info	[value]	n/a	Address Line 2	=[value]	n/a			
	Street Suffix Street Dir Suffix		n/a	Street Name Post Type	=[value]	n/a			
		[value]	n/a	Street Name Post Directional	=[value]	n/a			
	Street Suffix Modifier		n/a	Street Name Post Modifier	=[value]	n/a			
	Subaddress Type	[value]	n/a	Subaddress Type	=[value]	n/a			
	Subaddress Identifier	[value]	n/a n/a	Subaddress Identifier City	=[value] =[value]	n/a n/a			
	City State		n/a	State	=[value]	n/a			
	Postal Code		n/a	ZIP Code	=[value]	n/a			
	Postal Code Plus 4		n/a	ZIP Plus 4	=[value]	n/a			
	County		n/a	County	=[value]	n/a			
	Country	[value]	n/a	Country Name	=[value]	n/a			
	Climate Zone Type	[value]	n/a	Climate Zone Type	=[value]	n/a			
	Climate Zone: ASHRAE	[value]	n/a	Climate Zone	=[value]	n/a			
	Climate Zone: Energy Star	[value]	n/a	Climate Zone	=[value]	n/a			
	Climate Zone: California Title	[value]	Climate Zone 1	Climate Zone	1	n/a			
	24		Climate Zone 2		2	n/a			
			Climate Zone 3	1	3	n/a			
			Climate Zone 4		4	n/a			
			Climate Zone 5		5	n/a			
			Climate Zone 6		6	n/a			
			Climate Zone 7		7	n/a			
			Climate Zone 8		8	n/a			
			Climate Zone 9		9	n/a			
			Climate Zone 10		10	n/a			
			Climate Zone 11	4	11	n/a			
			Climate Zone 12		12	n/a			
			Climate Zone 13		13	n/a			
			Climate Zone 14	4	14	n/a		<b> </b>	
			Climate Zone 15 Climate Zone 16	1	15 16	n/a n/a			
	Climate Zone: IECC	[value]	n/a	Climate Zone	=[value]	n/a n/a			
	Climate Zone: Building	[value]	n/a	Climate Zone	=[value]	n/a			
	America		<u> </u>			<u> </u>			
	Climate Zone: CBECS	[value]	n/a	Climate Zone	=[value]	n/a			
	Climate Zone: DOE	[value]	n/a	Climate Zone	=[value]	n/a			
	Climate Zone: Other	[value]	n/a	Climate Zone	Other	n/a			
	eGRID Region Code	[value]	n/a	eGRID Region Code	=[value]	n/a			
	Weather Data Station ID		n/a	Weather Data Station ID	=[value]	n/a			
	Weather Station Name	[value]	n/a	Weather Station Name	=[value]	n/a			

dingSync Table			BuildingSync						
Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Weather Station Category	[value]	n/a	Weather Station Category	=[value]	n/a		·	
	Longitude	[value]	degrees	Longitude	=[value]	degrees			
	Latitude	[value]	degrees	Latitude	=[value]	degrees			
	Field Name	[value]	n/a	(No corresponding field)					This is a user-defined field in BuildingSync,
									providing flexibility when needed at various
									points in the schema. It cannot be mapped to
L									BEDES.
	Field Value	[value]	n/a	(No corresponding field)					This is a user-defined field in BuildingSync,
									providing flexibility when needed at various
									points in the schema. It cannot be mapped to
									BEDES.
er	Contact Role	Premises		Contact Label	Premises				
		Occupant			Occupant				
		Agency			Agency				
		Owner			Owner				
		Customer			Customer				
		Customer agreement			Customer agreement				
		Administrator			Administrator				
		Qualified Assessor			Qualified assessor				
		Contributor			Contributor				
		Property Management			Property management company				
		Company		1					
		Operator		1	Operator				
		Energy Auditor		1	Energy auditor				
		Energy Modeler		1	Energy modeler				
		Contractor Implementer		1	Contractor Implementer				
		Financier		1	Financier				
		Commissioning Agent		1	Commissioning agent				
		MV Agent		1	MV agent				
		Evaluator		1	Evaluator				
		Builder		1	Builder				
		Service		1	Service				
		Billing		1	Billing				
		Architect		1	Architect				
		Mechanical Engineer		1	Mechanical engineer				
		Energy Consultant		1	Energy consultant				
		Service and Product Provider			Service and product provider				
		Authority Having Jurisdiction			Authority having jurisdiction				
		Utility			Utility				
		Power plant			Power plant				
		Electric Distribution Utility			Electric distribution utility				
		(EDU)							
		ESCO		-	Service and product provider				
		Facilitator		1	Agency				
		Finance Specialist Other	<b>—</b>		Administrator Other				
ŀ	Contact Name	[value]	n/a	Full Name	=[value]	n/a		+	
H	Contact Name Contact Company	[value]			=[value]			<del> </del>	
H	Contact Company Contact Telephone Number	[value]	n/a n/a	Company Name Telephone Number	=[value]	n/a n/a		<del> </del>	
ŀ	Contact Telephone Number	Days	11/0	Telephone Number Label	Day	11/ 0			
	Label			reseptione (variable) Label					
ľ		Evenings			Evening				
		Cell			Mobile				
Ĺ		Other	ļ		Other				
<u>L</u>	Contact Email Address	[value]	n/a	Email Address	=[value]	n/a		ļ	
	Contact Email Address Label	[value]	n/a	Email Address Label	=[value]	n/a			
ļ	Federal Building	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
ţ	Agency	[value]	n/a	Contact Label	Agency				
ļ	•	-	İ	Company Name	=[value]	n/a		<del> </del>	
Ļ			ļ					ļ	
Ļ	Department Region	[value]	n/a	Federal Department or Region	=[value]	n/a		<del> </del>	
Ļ	Portfolio Manager	[value]	n/a	(No corresponding field)	0.16.11.44	ļ ,		ļ	Hierarchical element not used in BEDES.
	PM Benchmark Date	[value]	n/a	Assessment Tool	Portfolio Manager	n/a			
		I	CCYY-MM-DD	Benchmark Date	=[value]	CCYY-MM-DD			
-	Building Profile Status	[value]	n/a	Assessment Tool	Portfolio Manager	n/a			

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Federal Sustainability Checklist Completion Percentage	[value]	%	Federal Sustainability Checklist Completion Percentage	=[value]	%			
ecility	Height Distribution	[value]	n/a	Height Distribution	=[value]	n/a			"Variable Height" in BEDES is not used. It's r clear how this is different from "Multiple Heights"
	Facility Classification	[value]	n/a	Occupancy Classification	=[value]	n/a			
	Aspect Ratio	[value]	n/a	Aspect Ratio	=[value]	n/a			
	Perimeter	[value]	ft	Perimeter	=[value]	n/a	=[value]		
				Unit of Measure	ft	n/a			
	Ownership	[value]	n/a	Ownership	=[value]	n/a			"For-profit organization" and "Non-profit organization" were added to BEDES 1.1, bu probably should not be used in BuildingSyn because they overlap with other values.
	Occupant Type	[value]	n/a	Occupant Type	=[value]	n/a			
	Occupant Quantity Type	Peak total occupants	n/a	Occupant Quantity Type	Peak total occupants	n/a			
		Adults	n/a	7	Adults	n/a			1
		Children	n/a	7	Children	n/a			1
		Average residents	n/a	7	Average residents	n/a			1
		Workers on main shift	n/a	7	Workers on main shift	n/a			
		Full-time equivalent workers			Full time equivalent workers	n/a			
		Average daily salaried labor hours	n/a		Average daily salaried labor hours	n/a			
		Registered students	n/a	<b></b>	Registered students	n/a			_
		Staffed beds	n/a	<b></b>	Staffed beds	n/a			
		Licensed beds	n/a		Licensed beds	n/a			
		Capacity	n/a		Capacity	n/a			
		Capacity percentage	n/a		Capacity percentage	n/a			
	Occupant Quantity	[value]	n/a	Quantity	=[value]	n/a		Decimal in BuildingSync must be rounded off to an integer in BEDES.	
	Percent Occupied by Owner	[value]	%	Percent Occupied by Owner	=[value]	%			
	Assessment Program	[value]	n/a	Assessment Program	=[value]	n/a			
	Assessment Level	Bronze	n/a	Assessment Level	Bronze	n/a			
		Silver	n/a		Silver	n/a			
		Gold	n/a		Gold	n/a			
		Emerald	n/a		Emerald	n/a			
		Certified	n/a		Certified	n/a			
		Bronze	n/a		Bronze	n/a			
		Silver	n/a		Silver	n/a			
		Gold	n/a		Gold	n/a			
		Platinum	n/a		Platinum	n/a			
		One Star	n/a		One Star	n/a			
		Two Star	n/a		Two Star	n/a			
		Three Star	n/a		Three Star	n/a			
		Four Star	n/a		Four Star	n/a			
		Other	n/a		Other	n/a			
	Assessment Value	[value]	n/a	Assessment Value	=[value]	n/a			
	Assessment Year	[value]	CCYY	Assessment Year	=[value]	CCYY		ļ	
	Assessment Version	[value]	n/a	Assessment Version	=[value]	n/a	ļ	ļ	
	Year of Last Major Remodel	[value]	CCYY	Implementation Status	Completed	n/a			1
			İ	Implementation Status Date	=[value]	CCYY			
			1	Date Format	Year	n/a			4
				Action Category	Major Remodel	n/a			
	Year of Last Energy Audit	[value]	CCYY	Implementation Status	Completed	n/a		<u> </u>	
			İ	Implementation Status Date	=[value]	CCYY			1
			İ	Date Format	Year	n/a			
			İ	Action Category	Audit	n/a			
	Retrocommissioning Date	[value]	CCYY-MM-DD	Implementation Status	Completed	n/a			
			İ	Implementation Status Date	=[value]	CCYY-MM-DD		İ	1
			İ	Date Format	Date	n/a		İ	1
			İ	Action Category	Retrocommissioning	n/a	İ		1
	Year Of Latest Retrofit	[value]	CCYY-MM-DD	Implementation Status	Completed	n/a	İ		
		[	1	Implementation Status Date	=[value]	CCYY	<del> </del>	<del> </del>	1
			İ	Date Format	Year	n/a	<del> </del>	<del> </del>	1
			1	Action Category	Retrofit	n/a		1	1
	Year Occupied	[value]	CCYY	Construction Status	Occupancy	n/a	<del> </del>	1	<del> </del>
	rear occupied	[value]					<b> </b>	<del> </del>	1
	i	1	I	Construction Status Date	=[value]	CCYY	1	L	4
				Date Format	Year	n/a			

BuildingSync Table			BuildingSync						
Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
				Quantity	=[value]	n/a			
	Operator Type	[value]	n/a	Operational Control Actor					This identifies whether the owner or another
									actor controls the operation of the facility.
									BEDES does not have this field, but it seems
									useful to keep in BuildingSync.
	Horizontal Surroundings	No abutments	n/a	Horizontal Surroundings	Stand-alone				
		Attached from Above	n/a		Attached from above	n/a			
		Attached from Below	n/a		Attached from below	n/a			
		Attached from Above and	n/a		Attached from above and	n/a			
		Below			below				
		Unknown	n/a		Unknown	n/a			
	Vertical Surroundings	Stand-alone	n/a	Vertical Surroundings	Stand-alone	n/a			
		Attached on one side	n/a		Attached on one side	n/a			
		Attached on two sides	n/a		Attached on two sides	n/a			
		Attached on three sides	n/a		Attached on three sides	n/a			
		Within a building	n/a		Within a premises	n/a			
		Unknown	n/a		Unknown	n/a			
	Ownership Status	[value]	n/a	Ownership Status	=[value]	n/a			
	NAICS Code	[value]	n/a	NAICS Code	=[value]	n/a			
	Publicly Subsidized	True	n/a	Occupant Type	Government subsidized	n/a			
					community				
bsection	Year of Construction	[value]	CCYY	Construction Status	Completed	n/a			
				Construction Status Date	=[value]	CCYY			
				Date Format	Year	n/a			
	SideA1Orientation	[value]	degrees	Azimuth	=[value]	degrees			There doesn't appear to be a "qualifier" in
									BEDES for Azimuth to provide further contex
									BEDES: What does "SideA1" mean?
	Footprint Shape	Rectangular	n/a	Footprint Shape	Rectangular	n/a			Several shapes in BEDES 1.1 are not used in
		L-Shape	n/a		L-shaped	n/a			BuildingSync. I don't believe they are
		U-Shape	n/a		U-shaped	n/a			necessary. The shape definitions were worke
		H-Shape	n/a	-	H-Shaped	n/a			out with PNNL/Asset Score and Amir at DOE
		T-Shape	n/a	-	T-Shape	n/a			allow clear geometry definitions for modeling
		O-Shape	n/a	-	Courtyard	n/a			This was deemed out of scope at the time for
		Other	n/a		Other	n/a			BEDES.
		Unknown	n/a	-	Unknown	n/a			1
	Side Number	[value]	n/a	(No corresponding field)	C.III.IOWII	1.7 0			Geometry term outside the scope of BEDES.
	Side Length	[value]	ft	Length	=[value]	n/a			BEDES has no relevant qualifier representing
	Side Length	[value]			-[value]				the length of a side of a block.
				Unit of Measure	ft	n/a			the length of a side of a block.
	Wall ID	[value]	n/a	(No corresponding field)	+				Hierarchical term outside scope of BEDES
	Wall Area	[value]	ft2	Opaque Surface	Wall	n/a			Therarchical term outside scope of BEDES
	wan Arca	[value]	11.2	Area	=[value]	ft2			
	Window ID	[value]	n/a	(No corresponding field)	-[value]	ILZ			Hierarchical term outside scope of BEDES
	Window to Wall Ratio	[value]	11/a 0/.	Window to Wall Ratio	=[value]	%			Therarchical term outside scope of BEDES
	Fenestration Area	[value]	ft2	Opaque Surface Component	Fenestration	n/a			
	renestration Area	[value]	ILZ	Area	=[value]	ft2			
	Percent of Window Area	[value]	0/	Fenestration	Window	n/a			
	Shaded	[value]	/0	Percent of Fenestration Area	=[value]	%		<u> </u>	
	Jinaaca		İ	Shaded	[*aiucj	, ,			
	Door ID	[value]	n/a	(No corresponding field)	1	1		<del> </del>	Hierarchical term outside scope of BEDES
	Thermal Zone ID	[value]	n/a n/a	(No corresponding field)	+	+		+	Hierarchical term outside scope of BEDES  Hierarchical term outside scope of BEDES
	Space ID	[value]	n/a n/a	(No corresponding field)	1	1		<del> </del>	Hierarchical term outside scope of BEDES  Hierarchical term outside scope of BEDES
	Roof ID	[value]	n/a	(No corresponding field)	1	+		<u> </u>	Hierarchical term outside scope of BEDES
	Roof Area	[value]	ft2	Opaque Surface	Roof	n/a		<u> </u>	merarchical term outside scope of BEDES
	NOOI AICA	[vaine]	11.2	Area	=[value]	ft2		<del> </del>	
	Roof Insulated Area	[value]	ft2	Opaque Surface	Roof	n/a		<del> </del>	
	NOOI IIISUIAICU AIEd	[vaine]	162	Material Qualifier				+	
			1		Insulation	n/a			
	Coiling ID	[mlm]	n/2	(No corresponding field)	=[value]	ft2		+	Higgsychical tarm outside seems of BERES
	Ceiling ID	[value]	n/a	(No corresponding field)	Coiling	n/2		+	Hierarchical term outside scope of BEDES
	Ceiling Area	[value]	ft2	Opaque Surface	Ceiling	n/a		-	
	Calling Insulation 1.5	for to all	42	Area	=[value]	ft2			
	Ceiling Insulated Area	[value]	ft2	Opaque Surface	Ceiling	n/a		<del> </del>	-
			1	Material Qualifier	Insulation	n/a		-	
			ł.,	Area	=[value]	ft2		-	
	Foundation ID	[value]	n/a	(No corresponding field)	1	<b>+</b> .		-	Hierarchical term outside scope of BEDES
	Foundation Area	[value]	ft2	Opaque Surface	Floor	n/a			
		<u> </u>	<b>.</b>	Area	=[value]	ft2		ļ	
	Skylight ID	[value]	n/a	(No corresponding field)	1				Hierarchical term outside scope of BEDES
	Percent Skylight Area	[value]		Percent Skylight Area	=[value]	10/	i	i e	

BuildingSync Term	Building Come Valor	BuildingSync	DEDEC Torm	Value Menning	DEDEC II:-	Unit Conversion	Other Conversion Operations	Notes
XOffset	BuildingSync Value [value]	Units	BEDES Term Offset	Value Mapping =[value]	BEDES Unit	Unit Conversion	Other Conversion Operations	
XOffset	[value]	π	Unit of Measure	=[value]	π n/a		+	There doesn't appear to be a "qualifier" BEDES for Offset to provide further cont
YOffset	[value]	ft	Offset	=[value]	ft			BEDES v2.0 adding "Coordinate" qualifie
Tonset	[value]		Unit of Measure	ft	n/a			BEBES V2.0 adding Coordinate qualific
ZOffset	[value]	ft	Offset	=[value]	ft			
2011361	[value]		Unit of Measure	ft	n/a			
Thermal Zone Layout	[value]	n/a	Thermal Zone Layout	=[value]	n/a			
Perimeter Zone Depth	[value]	ft	Depth	=[value]	ft			
r crimeter zone bepar	[value]		Thermal Zone Layout	Perimeter	n/a			†
			Unit of Measure	ft	n/a			1
Subsection ID	[value]	n/a	(No corresponding field)		,			Hierarchical term outside scope of BEDE
Delivery ID	[value]	n/a	(No corresponding field)					Hierarchical term outside scope of BEDI
HVAC Schedule ID	[value]	n/a	(No corresponding field)					Hierarchical term outside scope of BEDI
Floor Area Type	Gross	n/a	Floor Area Qualifier	Gross	n/a			
	Net	n/a	Floor Area Qualifier	Net	n/a			
	Finished	n/a	Finished Status	Finished	n/a			
	Footprint	n/a	Floor Area Qualifier	Footprint	n/a			
	Rentable	n/a	Floor Area Qualifier	Rentable	n/a			
	Occupied	n/a	Occupied Status	Occupied	n/a			
	Lighted	n/a	Lighting Status	Artificial lighting	n/a			
	Daylit	n/a	Lighting Status	Substantial daylighting	n/a		1	
	Heated	n/a	Conditioning Status	Heated	n/a		1	
	Cooled	n/a	Conditioning Status	Cooled	n/a			
	Conditioned	n/a	Conditioning Status	Conditioned	n/a			
	Unconditioned	n/a	Conditioning Status	Unconditioned	n/a			
	Semi-conditioned	n/a	Conditioning Status	Semi-conditioned	n/a			
	Heated and Cooled	n/a	Conditioning Status	Conditioned	n/a			
	Heated only	n/a	Conditioning Status	Conditioned	n/a			
	Cooled only	n/a	Conditioning Status	Conditioned	n/a			<u> </u>
	Ventilated	n/a	Conditioning Status	Ventilated	n/a			
	Enclosed	n/a	Premises Enclosure	Enclosed	n/a			<u> </u>
	Non-Enclosed	n/a	Premises Enclosure	Non-Enclosed	n/a			
	Open	n/a	Premises Enclosure	Open	n/a			
	Lot	n/a	Spatial Unit Type	Lot	n/a			
	Custom	n/a	Floor Area Qualifier	Custom	n/a			
Floor Area Custom Name	[value]	n/a	(No corresponding field)	custom	11/4			This field is described in the BEDES "Guidelines" tab when "Custom" is sele but is not specifically listed as a BEDES
Floor Area Value	[value]	ft2	Area	=[value]	ft2			, ,
		n/a	(No corresponding field)					
Story	[value]							1
		%	Occupancy Classification	Common area	n/a			
Percentage of Common Space	[value]				n/a %			
Percentage of Common Space	[value]	%	Percentage of Total Area	=[value]	%			
Percentage of Common			Percentage of Total Area Conditioning Status	=[value] Conditioned	% n/a			
Percentage of Common Space Conditioned Volume	[value]	% ft3	Percentage of Total Area Conditioning Status Volume	=[value] Conditioned =[value]	% n/a ft3			
Percentage of Common Space	[value]	%	Percentage of Total Area Conditioning Status Volume Location	=[value] Conditioned =[value] Above grade	% n/a ft3 n/a			
Percentage of Common Space Conditioned Volume	[value]	% ft3	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type	=[value] Conditioned =[value] Above grade Floors	% n/a ft3 n/a n/a			
Percentage of Common Space Conditioned Volume Floors Above Grade	[value] [value]	% ft3 n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity	=[value] Conditioned =[value] Above grade Floors =[value]	% n/a ft3 n/a n/a n/a n/a			
Percentage of Common Space Conditioned Volume	[value]	% ft3	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location	=[value] Conditioned =[value] Above grade Floors =[value] Below grade	% n/a ft3 n/a n/a n/a n/a n/a			
Percentage of Common Space Conditioned Volume Floors Above Grade	[value] [value]	% ft3 n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Joseph Spatial Unit Type Spatial Unit Type	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors	% n/a ft3 n/a n/a n/a n/a n/a n/a n/a n/a			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value]	% n/a ft3 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Percentage of Common Space Conditioned Volume Floors Above Grade	[value] [value] [value]	% ft3 n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Location Location Location Location Location	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade	% n/a ft3 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Spatial Unit Type Spatial Unit Type Spatial Unit Type	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Floors =[value] Partially Below Grade Floors	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Quantity	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value]	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Partially Below Grade Floors [-[value] Floors [-[value] Floor-to-Floor Height	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value]	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height	[value] [value] [value] [value] [value] [value]	% ft3 n/a n/a ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Line Unit Of Measurement Height Unit of Measure	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value] Floor-to-Floor Height =[value] ft	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade	[value] [value] [value] [value]	% ft3 n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Floor Height Measure Floor Height Measure Floor Height Measure Floor Height Measure Floor Height Measure	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Portially Below Grade Floors [-[value] Floor-to-floor Height [-[value] ft Floor-to-Ceiling Height	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height	[value] [value] [value] [value] [value] [value]	% ft3 n/a n/a ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Height Measurement Height Height Measurement	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value] Floor-to-Floor Height =[value] ft	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceilling Height	[value] [value] [value] [value] [value] [value] [value]	% ft3 n/a n/a ft ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Portially Below Grade Floors [-[value] Floor-to-floor Height [-[value] ft Floor-to-Ceiling Height	%			Nigrarchical term outside scope of PCT
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a ft ft ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No orresponding field)	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Portially Below Grade Floors [-[value] Floor-to-Floor Height [-[value] ft Floor-to-Ceiling Height [-[value] ft	%			Hierarchical term outside scope of BEI
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceilling Height Primary Contact ID Premises Notes	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a ft ft ft ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Height Measurement Height Unit of Measure Height Measurement Height Unit of Measure Hour Height Measurement Height Unit of Measure Location Rocati	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value] Floors =[value] Floors =[value] Floor-to-Floor Height =[value] ft Floor-to-Ceiling Height =[value] ft =[value]	%			Hierarchical term outside scope of BEE
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceilling Height Primary Contact ID	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a ft ft ft	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No corresponding field) Notes Identifier Label	=[value] Conditioned [-[value] Above grade Floors -[value] Below grade Floors -[value] Below grade Floors -[value] Partially Below Grade Floors -[value] Floor-to-Floor Height -[value] ft ft Floor-to-Ceiling Height -[value] ft t -[value]	%			Hierarchical term outside scope of BEI
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID Premises Notes Premises Name	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No corresponding field) Notes Identifier Identifier	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value] Floors =[value] Floors =[value] Floor-to-Floor Height =[value] ft Floor-to-Ceiling Height =[value] ft =[value]	%			
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID Premises Notes Premises Name Thermal Zone ID	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Measure Hor Mocorresponding field) Notes Identifier Identifier (No corresponding field)	=[value] Conditioned [-[value] Above grade Floors -[value] Below grade Floors -[value] Below grade Floors -[value] Partially Below Grade Floors -[value] Floor-to-Floor Height -[value] ft ft Floor-to-Ceiling Height -[value] ft t -[value]	%			Hierarchical term outside scope of BEI
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID Premises Notes Premises Name Thermal Zone ID Occupancy Schedule ID	[value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	% ft3 n/a n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No corresponding field) Notes Identifier Label Identifier (No corresponding field) (No corresponding field)	=[value] Conditioned [-[value] Above grade Floors -[value] Below grade Floors -[value] Below grade Floors -[value] Partially Below Grade Floors -[value] Floor-to-Floor Height -[value] ft ft Floor-to-Ceiling Height -[value] ft t -[value] ft t -[value] ft ft Hoor-to-Ceiling Height -[value] ft ft	%			Hierarchical term outside scope of BEI
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID Premises Notes Premises Name Thermal Zone ID Occupanty Schedule ID Occupanty Activity Level	[value] [value] [value] [value]  [value]  [value]  [value]  [value] [value] [value] [value] [value] [value] [value]	% ft3 n/a n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No corresponding field) Notes Identifier Label Identifier (No corresponding field) (No corresponding field) (No corresponding field) (No corresponding field) (No corresponding field)	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Portially Below Grade Floors [-[value] Floor-to-Floor Height [-[value] ft Floor-to-Ceilling Height [-[value] ft Floor-to-Ceilling Height [-[value] ft Floor-to-Ceilling Height [-[value] ft [-[value] ft [-[value] [-[value] [-[value] [-[value] [-[value]]	%			Hierarchical term outside scope of BEC
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Ceiling Height Primary Contact ID Premises Notes Premises Name Thermal Zone ID Occupants Activity Level Schedule Category	[value] [value] [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]  [value]	% ft3 n/a n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure Hoo corresponding field) Notes Identifier Label Identifier (No corresponding field) (No corresponding field) (No corresponding field) (No corresponding field) Cocupant Activity Level Schedule Category	=[value] Conditioned =[value] Above grade Floors =[value] Below grade Floors =[value] Partially Below Grade Floors =[value] Floor-to-Floor Height =[value] ft ft Floor-to-Ceiling Height =[value] ft =[value] ft =[value] ft =[value] ft =[value] ft =[value] ft =[value] =[value]	%			Hierarchical term outside scope of BEC
Percentage of Common Space Conditioned Volume Floors Above Grade Floors Below Grade Floors Partially Below Grade Floor to Floor Height Floor to Celling Height Primary Contact ID Premises Notes Premises Name Thermal Zone ID Occupancy Schedule ID Occupancy Schedule ID Occupants Activity Level	[value] [value]	% ft3 n/a n/a n/a ft ft ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Percentage of Total Area Conditioning Status Volume Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Location Spatial Unit Type Quantity Floor Height Measurement Height Unit of Measure Floor Height Measurement Height Unit of Measure (No corresponding field) Notes Identifier Label Identifier (No corresponding field) (No corresponding field) (No corresponding field) (No corresponding field) (No corresponding field)	=[value] Conditioned [-[value] Above grade Floors [-[value] Below grade Floors [-[value] Partially Below Grade Floors [-[value] Portially Below Grade Floors [-[value] Floor-to-Floor Height [-[value] ft Floor-to-Ceilling Height [-[value] ft Floor-to-Ceilling Height [-[value] ft Floor-to-Ceilling Height [-[value] ft [-[value] ft [-[value] [-[value] [-[value] [-[value] [-[value]]	%			Hierarchical term outside scope of BED Hierarchical term outside scope of BED Hierarchical term outside scope of BED

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Schedule Period Begin Date	[value1]-[value2]-[value3]	CCYY-MM-DD	Schedule Period Begin Month	=[value2]	n/a	Two digit field representing		
							Month must be converted to		
							an integer		
				Schedule Period Begin Day	=[value3]	n/a	Two digit field representing		
							Day must be converted to an		
							integer		
	Schedule Period End Date	[value1]-[value2]-[value3]	CCYY-MM-DD	Schedule Period End Month	=[value2]	n/a	Two digit field representing		
							Month must be converted to		
							an integer		
				Schedule Period End Day	=[value3]	n/a	Two digit field representing		
							Day must be converted to an		
							integer		
	Day Start Time	[value]	hh:mm:ss.sss	Day Start Time	=[value]	hhmm	Time format must be		
							converted to a 4-digit		
							military time for BEDES.		
	Day End Time	[value]	hh:mm:ss.sss	Day End Time	=[value]	hhmm	Time format must be		
							converted to a 4-digit		
							military time for BEDES.		
	Spatial Unit Type	[value]	n/a	Spatial Unit Type	=[value]	n/a			
	Number of Units	[value]	n/a	Quantity	=[value]	n/a			
	Unit Density	[value]	n/a	(No corresponding field)					BEDES does not have unit densities, so this
									field cannot be mapped. The unit count and
									relevant floor area are mapped elsewhere, so
									no information is lost.

### Mapping of BuildingSync Version 2.0 to BEDES Version 1.2 - Systems Data

Enumerations are only listed when there is a difference between BuildingSync and BEDES, otherwise "=[value]" is used.

The BuildingSync enumerations must include all values to allow mapping, but some values in the corresponding BEDES term may not be used.

BuildingSync Table Name	: BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit Unit Conversion	Other Conversion Operations	Notes
Air Distribution	Duct Configuration	[value]	n/a	Duct Configuration	=[value]	n/a	Cardi Conversion Operations	110.00
	Heating Delivery ID	[value]	n/a	(No corresponding field)	1,1111			Hierarchical element not used in BEDES
	Cooling Delivery ID	[value]	n/a	(No corresponding field)				Hierarchical element not used in BEDES
	Static Pressure Reset Control	True	n/a	Control Strategy	Static pressure reset	n/a		
		False	n/a	(No corresponding field)				A false value for this term in BuildingSync maps to the absence of a value in BEDES.
	Supply Air Temperature Reset	True	n/a	Control Strategy	Supply air temperature reset			value in block.
	Control	False	n/a	(No corresponding field)				A false value for this term in BuildingSync maps to the absence of a
								value in BEDES.
	Minimum Outside Air	[value]	%	Setpoint Type	Outside air percentage	n/a		
	Percentage Maximum OA Flow Rate	[value]	ft3/min	Setpoint Low Setpoint Type	=[value] Outside air flow rate	n/a		
	Waxiiiuiii OA Fiow Rate	[value]	103/111111	Setpoint High	=[value]	ft3/min		
	Duct Insulation Condition	[value]	n/a	Duct Insulation Condition	=[value]	n/a		
	Duct Sealing	[value]	n/a	Duct Sealing	=[value]	n/a		
	Duct Insulation R-Value	[value]	ft2-F-hr/Btu	Duct Insulation R-Value	=[value]	ft2-°F-hr/Btu		
	Duct Surface Area	[value] [value]	ft2	Duct Surface Area	=[value] =[value]	ft2		
	Supply Duct Percent Conditioned Space	[value]	76	Supply Duct Percent Conditioned Space	=[value]	76		
	Return Duct Percent	[value]	%	Return Duct Percent	=[value]	%		
	Conditioned Space	()	·-	Conditioned Space	()			
	Static Pressure Installed	[value]	Pa	Static Pressure	=[value]	Pa		
	Duct Type	Flex uncategorized	n/a	Duct Type	Flex	n/a		
		Grey flex	n/a		Grey flex	n/a		
		Mylar flex Duct board	n/a n/a		Mylar flex Duct board	n/a n/a		
		Sheet metal	n/a		Sheet metal	n/a		
		Galvanized	n/a		Galvanized	n/a		
		Flexible	n/a		Flexible	n/a		
		Fiberboard	n/a		Fiberboard	n/a		
		No ducting	n/a		No ducting	n/a		
		Other	n/a		Other	n/a		
	Duct Leakage Test Method	Unknown [value]	n/a n/a	Duct Leakage Test Method	Unknown =[value]	n/a n/a		
	Duct Pressure Test Leakage	[value]	cfm	Duct Pressure Test Leakage	=[value]	cfm		
	Rate Supply Fraction of Duct	[value]	9/	Rate Supply Fraction of Duct	=[value]	%		
	Leakage Duct Pressure Test Leakage	[value]	~	Leakage Duct Pressure Test Leakage	=[value]	%		
	Percentage  Air Side Economizer	[present]	n/a	Percentage Air-Side Economizer	Is present	n/a		
	Air Side Economizer	[not present]	n/a	Air-Side Economizer	Is not present	n/a		
	Air Side Economizer Type	[value]	n/a	Air-Side Economizer Type	=[value]	n/a		
	Economizer Control	[value]	n/a	Control Strategy	=[value]	n/a		
	Economizer Dry Bulb Control	[value]	er.	Setpoint Type		n/a		
1		(value)			Dry bulb control point			
	Point		r	Setpoint Low	=[value]	°F		
	Point Economizer Enthalpy Control	[value]	Btu/lb	Setpoint Low Setpoint Type	=[value] Enthalpy control point	°F n/a		
	Point Economizer Enthalpy Control Point	[value]	Btu/lb	Setpoint Low Setpoint Type Setpoint Low	=[value] Enthalpy control point =[value]	°F n/a Btu/lb		
	Point Economizer Enthalpy Control Point Economizer Low Temperature		Btu/lb	Setpoint Low Setpoint Type Setpoint Low Setpoint Type	=[value] Enthalpy control point =[value] Temperature lockout	°F n/a Btu/lb		
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout	[value]	°F	Setpoint Low Setpoint Type Setpoint Low Setpoint Type Setpoint Low	=[value] Enthalpy control point =[value]	°F n/a Btu/lb		BEDES does not have a general entry for boiler or district heating.
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature	[value]	Btu/lb  °F  n/a  n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Type	=[value] Enthalpy control point =[value] Temperature lockout =[value]	°F n/a Btu/lb		BEDES does not have a general entry for boiler or district heating. These plants are identified through other fields in BuildingSync.
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout	[value] [value] Boiler	°F n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Type Setpoint Low Heating Type Heating Type	=[value] Enthalpy control point =[value] Temperature lockout =[value] Boiler	°F n/a Btu/lb		These plants are identified through other fields in BuildingSync.  BEDES: Boiler is in BEDES v1.2. Changing centrally located plant to
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout	[value] [value] Boiler DistrictHeating SolarThermal NoHeating	°F n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Type Setpoint Type Setpoint Low Heating Type Heating Type Heating Type Heating Type	-[value] Enthalpy control point -[value] Temperature lockout -[value] Boiler District Solar thermal No heating	'fr		These plants are identified through other fields in BuildingSync.
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout	[value]  [value]  Boiler  DistrictHeating SolarThermal NoHeating OtherCombination	°F n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Type Setpoint Type Setpoint Type Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	-[value] -[trhalpy control point -[value] -[tryalue] -[	77 / / / / / / / / / / / / / / / / / /		These plants are identified through other fields in BuildingSync.  BEDES: Boiler is in BEDES v1.2. Changing centrally located plant to
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type	[value]  Boiler  DistrictHeating  SolarThermal  NoHeating  OtherCombination  Unknown	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint tow Setpoint Type Setpoint Type Setpoint Type Setpoint tow Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	-[value] Enthalpy control point -[value] Temperature lockout -[value] Boiler District Solar thermal No heating	'fr		These plants are identified through other fields in BuildingSync. BEDESS: Boiler is in BEDES' 112. Changing centrally located plant to "District" in V2.0. Can use "Heating Medium" to further qualify if desired.
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout	[value] Boiler DistrictHeating SolarThermal NoHeating OtherCombination Unknown SourceHeatingPlantiD	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint Low Setpoint Type Setpoint Type Setpoint Type Setpoint Type Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	-[value] -[ranke] -[r	77 / / / / / / / / / / / / / / / / / /		These plants are identified through other fields in BuildingSync. BEDES: Boiler is in BEDES v1.2. Changing centrally located plant to "District" in v2.0. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type	[value]  Boiler  DistrictHeating  SolarThermal  NoHeating  OtherCombination  Unknown	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint tow Setpoint Type Setpoint Type Setpoint Type Setpoint tow Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	-[value] -[ranke] -[r	77 / / / / / / / / / / / / / / / / / /		These plants are identified through other fields in BuildingSync.  EIGES: Boller is in BIDES v1.2. Changing centrally located plant to  District" in V2.0. Can use "Heating Medium" to further qualify if  desired.  Central heating plants are not differentiated from zonal systems in  BEDES, therefore the Heating Plant value is not relevant in the
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type	[value] Boller DistrictHeating SolarThermal NoHeating OtherCombination Unknown SourceHeatingPlantID Furnace	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint Low Setpoint Type Setpoint Type Setpoint Type Setpoint Type Setpoint Type Heating Type	-[value] -[ranke] -[r	77 / / / / / / / / / / / / / / / / / /		These plants are identified through other fields in BuildingSync. BEDES: Boiler is in BEDES v1.2. Changing centrally located plant to "District" in v2.0. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type	(value) (value) Boiler Boiler Districtheating SolarThermal NoHeating OtherCombination Unknown Furnace Furnace OtherCombination OtherCombination OtherCombination OtherCombination	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	- Inable - Emhalpy control point - Inable - Ina	7		These plants are identified through other fields in inulting-Sync. BEDES 8 foller in IRBOES 12. Exhange centrally located plant to Tostract' in V.2.0. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDES, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	[value] [value] Boiler DebrictHeating Solar Thermal NoHeating OtherCombination SourceHeatingPantID Furnace HeatPunp Unknown NoHeating NoHeatingNoHe	*F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	= value   straine   straine   straine   straine   straine   Straine   Straine   Straine   Straine   Straine   Straine   Straine   Straine   Straine   Straine   Straine   Other	'f		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Economizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type	(value) (value) Boiler Boiler DistrictReating ObstrictReating Other Combination Unknown SourceHeatingPantID Furnace HeastPump Other Combination Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	- Ivable - Embaly control point - Ivable - Ivable - Ivable - Temperature lockout - Ivable - Booler - District - Solar thermal - No heating - Other - Unknown - Other - Unknown	7		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if essired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	[value] [value] [value] Districtivating Solar Thermal NoHeating Other Combination Unknown SourceHeatingFlantID Furnace HeatPung Unknown Unknown Warm air Freplace	"F  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	-lyable   -lyab	'f		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	[value] [value] Bolter Bolter Bolter Solar Therating Solar Thermal NoHeating Other Combination Unknown SourceHeatingFlantID Furnace Heating Unknown Warm air Freplace Heating Source Heating Warm air	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	- Invalve   - Inv	7		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	(value) (value) Baller Baller DistrictNeating SolarThermal Noteating Other Combination Unknown SourceHeatepPantID Furnace HeatPump Other Combination Unknown There Combination Unknown Warm air Fleeplace Heating Source	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type		'F		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	[value] [value] [value] Solar Therating Solar Thermal Norheating Other Combination Other Combination Other Combination Other Combination Other Combination Norteating Unknown Warm air Freplace Heating utone Warm air Freplace Heating stove Bull-in heater (told)	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	- Iyable   - Iyable	'fr		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Forman Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type	(value) [value] Baller DistrictNeating SolarThermal NoHeating Other Combination Unknown SourceHeatingPlantID Furnace HeatPump Other Combination Unknown Warm air Fireplace Heating Stove Bullt in heater Individual space heater Other Otherown	*F  1/2  1/2  1/2  1/2  1/2  1/2  1/2  1/	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	- Ivable - Embaly control point - Ivable - Ivab	7		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomizer Enthalpy Control Point Economizer Low Temperature Lockout Heating Plant Type Heating Source Type	(value) (value) (value)  Boiler  Boiler  DistrictHeating  SolarThermal  Noteating  Unknown  Unknown  Unknown  Whetheating  Other Combination  Unknown  Warmai  Warmai  Freplace  Heating stove  Built in heater  Individual space heater  Unknown  Solit  Unknown	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type Heating Type	- Inable - Emhalpy control point - Inable - Emhalpy control point - Inable - Emhalpy control point - Inable - Emhalpy control - Solar thermal - No heating - Other - Unknown - Solt heat pump - Unknown - Solt heat pump - Solt hea	75 76/8 85w/b 76/8 77 76 76/8 76 76 76 76 76 76 76 76 76 76 76 76 76		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Forman Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type	(value) [value] Boiler DistrictSeating SolarThermal Noteating Other Combination Unknown SourceHeatingPlantID Furnace HeatPump Other Combination Unknown Warm air Fireplace Heating SourceHeatingPlantID Unknown Warm air Fireplace Heating SourceHeatingPlantID Unknown Solit Parace Unknown Solit ParaceHeatingSourceHeatingPlantID Unknown Solit ParaceHeatingSourceHeatingPlantID Unknown Solit Parackaged Terminal	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	- Inable - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control - Inhalp	7		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Forman Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type	(value) (value) (value)  Boiler  Boiler  Bothrichteating  SolarThermal  Notesting  Unknown  Unknown  Heatflump  Other Combination  Unknown  Persplace  Heatflump  Unknown  Freighter  Heatflump  Unknown  Freighter  Heatflump  Unknown  Freighter  Heatflump  Solit  Persplace  Heatflump  Unknown  Freighter  Heatflump  Solit  Persplace  Heatflump  Heatflump  Solit  Persplace  Heatflump  Heatflump  Solit  Persplace  Heatflump  Heatflump  Heatflump  Solit  Persplace  Heatflump	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	- Inable - Emhalpy control point - Inable - Emhalpy control point - Inable - Emhalpy control point - Inable - Emhalpy control - Solar thermal - No heating - Other - Unknown - Solt heat pump - Unknown - Solt heat pump - Solt heat pu	75 10/10 80 W/b 10/10 10/10 17 10/10		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point  Conomise Enthalpy Control Point  Conomise Low Temperature tockout  Heating Plant Type  Heating Source Type  Furnace Type  Heat Pump Type	(value) [value] Boiler DistrictSeating SolarThermal Noteating Other Combination Unknown SourceHeatingPlantID Furnace HeatPump Other Combination Unknown Warm air Fireplace Heating SourceHeatingPlantID Unknown Warm air Fireplace Heating SourceHeatingPlantID Unknown Solit Parace Unknown Solit ParaceHeatingSourceHeatingPlantID Unknown Solit ParaceHeatingSourceHeatingPlantID Unknown Solit Parackaged Terminal	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Sepoint Low Sepoint Low Sepoint Type Sepoint Low Sepoint Low Sepoint Low Sepoint Low Heating Type	- Inable - Inhalpy control point - Inhalpy - Inhalpy control point - Inhalpy - Inhalp	7		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Conomise Low Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type  Heat Pump Type  Boller Type	(value) [value] [salue]  Bolier  DistrictNeating  SolarThermal  NoHeating  Other Combination  Unknown  SourceHeatingPlantID  Furnace  HeastPump  Other Combination  Unknown  SourceHeatingPlantID  Furnace  HeastPump  Other Combination  NoHeating  Unknown  Warm air  Fieeplace  Heating stove  Bullt-in heater  Individual space heater  Other  Other  Other  Other  Other  Other  Other  Other  Other  Unknown  Split  Packaged Terminal  Packaged Terminal  Packaged Unitary  Other  Unknown  (value)	16	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	= lyable  = lyab	7		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Conomise Low Temperature Lockout Heating Plant Type Heating Source Type Furnace Type Heat Pump Type Beller Type Buller Type	(value) (value) (value)  Boiler  DistrictHeatning SolarThermal NoNetatling OtherCombination Unknown OtherCombination Unknown OtherCombination Unknown Warnain Furnace Unknown Warnain Furnace Unknown Warnain Furnace Unknown Warnain Furpalce Unknown Warnain Furpalce Unknown Warnain Furpalce Unknown Warnain Furpalce Unknown Unkn	**F **N/a **	Sepoint Low Sepoint Low Sepoint Type Sepoint Low Sepoint Low Sepoint Low Sepoint Low Heating Type  No corresponding Held Burner Type	- Inhable of the final point of	75		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Fornomise Enthalpy Control Point Fornomise Low Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type  Heat Pump Type  Boiler Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type Burner Type	(value) (value) (value)  Bolier  DistrictSeating  SolarThermal  Noteating  Other Combination  Unknown  SourceHeatingPantID  Furnace  HeatPump  Other Combination  Unknown  Warm air  Fieeplace  Heating space heater  Other  Other Combination  Unknown  Space Space Space  Unknown  Space Space Space  Space Space Space  Other  Unknown  Space Space Space  Other  Ot	16	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	= value  = value	7		These plants are identified through other fields in buildingSync. BEDES 8 failer in INBEDS 4.2. Changing centrally located plant to "bustners" in V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Conomise Low Temperature Lockout Heating Plant Type Heating Source Type Furnace Type Neat Pump Type Boiler Type Burner Type Burner Type Burner Type Burner Type Egitlon Type Heating Saing	(value) (value) (value)  Boiler  DistrictHeatning  SolarThermal  NoNetating  OtherCombination  Unknown  OtherCombination  Unknown  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Sulf-an hoster  OtherCombination  OtherCombination  OtherCombination  Unknown  Unknown  Unknown  Valuel  Valuel  Valuel  Valuel	**F **N/3 **	Sepoint Low Sepoint Low Sepoint Type Sepoint Low Sepoint Low Sepoint Low Sepoint Low Heating Type	- Inhable control point - Inhable control point - Inhable control point - Inhable control point - Inhable control - Inh	77 1/0		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Fornomise Enthalpy Control Point Fornomise Low Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type  Heat Pump Type  Boiler Type Burner Type Burner Type Heating Staging Mumber of Heating Stages	(value) (value) (value)  Boiler  DistrictSeating  SolarThermal  Noteating  Other Combination  Unknown  SourceHeatingPantID  Furnace  HeatPump  Other Combination  Unknown  Warm air  Fieeplace  Heating space heater  Other  Other Combination  Unknown  Space Space Space  Built in heater  Individual space heater  Other	16	Setpoint Low Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type	= value  = value	7		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Conomise Low Temperature Lockout Heating Plant Type Heating Source Type Furnace Type Neat Pump Type Boiler Type Burner Type Burner Type Burner Type Burner Type Egitlon Type Heating Saing	(value) (value) (value)  Boiler  DistrictHeatning  SolarThermal  NoNetating  OtherCombination  Unknown  OtherCombination  Unknown  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Warm air  Fireplace  Sulf-an hoster  OtherCombination  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Unknown  Sulf-an hoster  OtherCombination  OtherCombination  OtherCombination  Unknown  Unknown  Unknown  Valuel  Valuel  Valuel  Valuel	**F **N/3 **	Sepoint Low Sepoint Low Sepoint Type Sepoint Low Sepoint Low Sepoint Low Sepoint Low Heating Type	- Inhable control point - Inhable control point - Inhable control point - Inhable control point - Inhable control - Inh	77 1/0		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Conomise Low Temperature Lockout Heating Plant Type Heating Source Type  Furnace Type  Meat Pump Type  Builder Type  B	(value) (value) (value)  Boiler  DistrictSeating  SolarThermal  Noteating  Other Combination  Unknown  SourceHeatingPantID  Furnace  HeatPump  Other Combination  Unknown  Warm air  Fieeplace  Heating space heater  Other  Other Combination  Unknown  Space Space Space  Built in heater  Individual space heater  Other	**F **N/3 **	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Hea	= value  = value	77 1/0		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point  Economise Enthalpy Control Point  Economise Low Temperature Lockout  Heatling Plant Type  Heatling Source Type  Furnace Type  Heat Pump Type  Burner Type  Burner Type  Burner Type  Heating Staging  Number of Heating Stages  Heating Stage Stages  Heating Stages	(value) (value) (value)  Boiler  DistrictSeating  SolarThermal Noteating  Other Combination  Unknown  SourceHeatingPlantID  Furnace  HeatPump  Other Combination  Unknown  SourceHeatingPlantID  Furnace  HeatPump  Other Combination  Unknown  Warm air  Fieplace  Heating stove  Built in heater  Individual space heater  Other	1° E	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Type Heating Staging Number of Heating Stages Heating Stage Capacity Fraction	- Inable - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control point - Inhalpy control - Inhalp	7		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point  Economise Enthalpy Control Point  Economise Low Temperature Lockout  Heatling Plant Type  Heatling Source Type  Furnace Type  Heat Pump Type  Burner Type  Burner Type  Burner Type  Heating Staging  Number of Heating Stages  Heating Stage Stages  Heating Stages	(value) (value) (value)  Boiler  DistrictHeatning  SolarThermal  NoNetating  OtherCombination  Unknown  Unknown  Warm air  Fireplace  Unknown  Warm air  Fireplace  Built-in heater  Individual space heater  Individual spac	** ** ** ** ** ** ** ** ** ** ** ** **	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Type Heating Staging Number of Heating Stages Heating Stage Capacity Fraction	- Inhabity control point - Inhabity control point - Inhabity - Inhabity control point - Inhabity - Inhabity control point - Inhabity - Inhabit	7		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point  Economise Enthalpy Control Point  Economise Low Temperature Lockout  Heatling Plant Type  Heatling Source Type  Furnace Type  Heat Pump Type  Burner Type  Burner Type  Burner Type  Heating Staging  Number of Heating Stages  Heating Stage Stages  Heating Stages	[value] [value] Bolier Bolier DistrictNeating SolarThermal NoHeating Other Combination Unknown SourceHeatengPantID Furnace Heatflump Other Combination Unknown SourceHeatengPantID Furnace Heatflump Other Combination NoHeating Unknown Warm air Fireplace Heating stove Bullt-in heater Individual space heater Other Unknown Spilt Packaged Terminal Packaged Unitary Other Unknown (value) (value) (value) (value) (value) Primary Ferdiary Back-up Back-up Fireriary Back-up Back-up Back-up Back-up Fireriary Back-up	1° F 10/a 10/a 10/a 10/a 10/a 10/a 10/a 10/a	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Type Heating Staging Number of Heating Stages Heating Stage Capacity Fraction	- Inable -	'F'		These plants are identified through other fields in laukling-Sync. BEDES - Boller in IRBEGS + 12. Changing centrally located plant to "Datarda" In V.2. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDE, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore identified through the Furnace Type and
Heating System	Point Conomise Enthalpy Control Point Economise Low Temperature Lockout Heating Plant Type  Heating Source Type  Heating Source Type  Heat Pump Type  Boiler Type  Burner Type  Burner Type  Burner Type  Rymber of Heating Stages Heating Stage Capacity Fraction Priority	(value) (value) (value)  Boiler  DistrictHeatning  SolarThermal  NoNetating  OtherCombination  Unknown  OtherCombination  Unknown  Warm air  Fireplace  Unknown  Warm air  Fireplace  Solic  Packaged themical  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value  Unknown  Value	**F **N/3 **	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Hea	- Inhabity control point - Inhabity control point - Inhabity control point - Inhabity - Inhabity control point - Inhabity - Inhabit	7		These plants are identified through other fields in inultingSync.  ENCOSE solie in a INDEON'S L. Thanging centrally located plant to Distract in V.20. Can use "Heating Medium" to further qualify if desired.  Central heating plants are not differentiated from zonal systems in BEDES, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore dentified through the Furnace Type and Heat Pump Type fields in BuildingSync.
Heating System	Point Formanie Enthalpy Control Point Formanie Town Temperature Lockout Heatling Plant Type Heatling Source Type  Furnace Type  Heat Pump Type Burner Type Burner Type Burner Type Burner Type Heating Staging Number of Heating Stages Heating Stage Heating Stage Firaction Priority  Annual Heating Efficiency Annual Heating Efficiency	[value] [value] Bolier Bolier DistrictNeating SolarThermal NoHeating Other Combination Unknown SourceHeatengPantID Furnace Heatflump Other Combination Unknown SourceHeatengPantID Furnace Heatflump Other Combination NoHeating Unknown Warm air Fireplace Heating stove Bullt-in heater Individual space heater Other Unknown Spilt Packaged Terminal Packaged Unitary Other Unknown (value) (value) (value) (value) (value) Primary Ferdiary Back-up Back-up Fireriary Back-up Back-up Back-up Back-up Fireriary Back-up	1° F 10/a 10/a 10/a 10/a 10/a 10/a 10/a 10/a	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Hea	- Inhabity control point - Inhabity control point - Inhabity control point - Inhabity control point - Inhabity control point - Inhabity control point - Inhabity control - Solar thermal - No heating - Other	'F' 'O'A'  Bhu/Ib  O'A'  'F'  O'A'		These plants are identified through other fields in laukling-Sync.  BEDES 8 loals in a BEDES 12. Changing centrally located plant to District in V.20. Can use "Heating Medium" to further quality if desired.  Central heating plants are not differentiated from zonal systems in BEDES, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDES, and are therefore dentified through the Furnace Type and Heat Pump Type fields in BuildingSync.  Units are those assigned for the corresponding Efficiency Metric.
Heating System	Point Conomise Enthalpy Control Point Economise Low Temperature Lockout Heating Plant Type  Heating Source Type  Heating Source Type  Heat Pump Type  Boiler Type  Burner Type  Burner Type  Burner Type  Rymber of Heating Stages Heating Stage Capacity Fraction Priority	(value) (value) (value)  Boiler  Districtheating  SolarThermal  Noteating  OtherCombination Unknown  OtherCombination Unknown  OtherCombination Unknown  Noteating  Unknown  Warm air  Fireplace  Solar Heating Solar  Solar Heating Solar  Unknown  Warm air  Fireplace  Unknown  Warm air  Fireplace  Other  Unknown  Warm air  Fireplace  Other  Unknown  Unknown  Unknown  Unknown  Visitation  Unknown  Visitation  Visit	**F **N/3 **	Setpoint Low Setpoint Type Setpoint Type Setpoint Low Setpoint Low Setpoint Low Setpoint Low Heating Type Hea	- Inhabity control point - Inhabity control point - Inhabity control point - Inhabity - Inhabity control point - Inhabity - Inhabit	7		These plants are identified through other fields in fluidingSync.  BIODS: Boiler in a BEOSY 12. Changing entrally located plant to Distract in V.20. Can use "Heating Medium" to further quality if desired.  Central heating plants are not differentiated from zonal systems in BEDS, therefore the Heating Plant value is not relevant in the mapping. Furnaces and heat pumps are not a general category in BEDS, and are therefore dentified through the Furnace Type and Heat Pump Type fields in BuildingSync.

BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
Combustion Efficiency	[value]	%		Combustion	n/a			
Thermal Efficiency	[value]	+	Efficiency Value	=[value] Thermal	% n/a			
mermar Emclency	[value]	/*	Efficiency Qualifier Efficiency Value	=[value]	%			
Heating Medium	[value]	n/a	Heating Medium	=[value]	n/a			
Pipe Insulation Thickness	[value]	in.	Pipe Insulation Thickness	=[value]	inches			
Pipe Location	[value]	%	Pipe Location	=[value]	%			
Input Capacity	[value]	MMBtu		=[value]	MMBtu			
Output Capacity	[value]	MMBtu		=[value]	MMBtu			
Draft Type	[value]	n/a hr-ft2-F/Btu	Draft Type	=[value]	n/a			
Boiler Insulation R Value Boiler Insulation Thickness	[value] [value]	nr-π2-F/Btu	Boiler Insulation R-Value Boiler Insulation Thickness	=[value] =[value]	hr-ft2-°F/Btu inches			
Burner Turndown Ratio	[value]	n/a	Burner Turndown Ratio	=[value]	n/a			
Boiler Percent Condensate	[value]	%	Boiler Percent Condensate	=[value]	%			
Return	()	-	Return	I	-			
Hot Water Boiler Minimum	[value]	gpm	Setpoint Type	Flow Rate	n/a			BEDES does not have a specific flow rate type for hot wat
Flow Rate			Setpoint Low	=[value]	ft3/min	=[value]*0.133681		
Hot Water Boiler Maximum	[value]	gpm	Setpoint Type	Flow Rate	n/a			
Flow Rate			Setpoint High	=[value]	ft3/min	=[value]*0.133681		
Boiler EWT	[value]	°F	Setpoint Type	Return water temperature	n/a			
			Setpoint Low	=[value]	°F			
	+			=[value]	°F			
Boiler LWT	[value]	°F		Supply water temperature	n/a			
				=[value]	°F			
Condensing Operation	True	0/2	Setpoint High Condensing Operation	=[value]	0/2			
and the second	False	n/a n/a		Condensing Not condensing	n/a n/a		1	
Steam Boiler Minimum	[value]	psi	Setpoint Type	Pressure	n/a			
Operating Pressure	1	ľ	Setpoint Low	=[value]	Pa	=[value]*6895	1	
Steam Boiler Maximum	[value]	psi	Setpoint Type	Pressure	n/a			
Operating Pressure	1	ľ		=[value]	Pa	=[value]*6895	1	
Hot Water Reset Control	[value]	n/a		=[value]	n/a	, ,		
District Heating Type	Hot water	n/a		District hot water	n/a			
	Direct steam	n/a		District steam direct	n/a			
	Steam to hot water heat	n/a	į '	District steam to hot water HX	n/a			
	exchanger		1 '					
	Other	n/a	į '	Other	n/a			
	Unknown	n/a		Unknown	n/a			
Refrigerant	[value]	n/a	Refrigerant	=[value]	n/a			
Refrigerant Charge Factor	[value]	%	Refrigerant Charge Factor	=[value]	%			
Heat Pump Backup Heating	[value]	°F	Heat Pump Backup Heating	=[value]	°F			
Switchover Temperature	al fraction)	n/a	Switchover Temperature	freshort	-1-			
Heat Pump Backup System Fu	el [value]	nya	Heat Pump Backup System Fuel	=[value]	n/a			
Heat Pump Backup AFUE	[value]	n/a	Heat Pump Backup AFUE	=[value]	n/a			
Frequency of Maintenance	[value]	n/a	Frequency of Maintenance	=[value]	n/a			
Heat Lowered	[value]	n/a	HVAC Systems Controlled	Heating	n/a			
		, .	Reset Routine	=[value]	n/a			
AC Adjusted	[value]	n/a	HVAC Systems Controlled	Cooling	n/a			
			Reset Routine	=[value]	n/a			
Setpoint Temperature Heating	g [value]	°F	Setpoint Type	Room temperature	n/a			
			Setpoint Setting Condition	Normal	n/a			
			HVAC Systems Controlled	Heating	n/a			
			Setpoint Low	=[value]	°F			
			Setpoint High	=[value]	°F			
Setback Temperature Heating	[value]	°F	Setpoint Type	Room temperature	n/a			
				Reset	n/a			
			HVAC Systems Controlled	Heating	n/a			
			Setpoint Low	=[value]	°F			
	+		Setpoint High					
Primary HVAC Control Strateg				=[value]	°F			
1		n/a	Control Strategy	Pneumatic	°F n/a			
	Electric	n/a	Control Strategy	Pneumatic Electronic	n/a			
	Electric Other	n/a n/a	Control Strategy	Pneumatic Electronic Other	n/a n/a			
	Electric Other Unknown	n/a n/a n/a	Control Strategy	Pneumatic Electronic	n/a			
Heating Plant ID	Electric Other Unknown [value]	n/a n/a	Control Strategy  (No corresponding field)	Pneumatic Electronic Other Unknown	n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air	Electric Other Unknown	n/a n/a n/a	Control Strategy  (No corresponding field) Setpoint Type	Pneumatic Electronic Other Unknown Supply air temperature	n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID	Electric Other Unknown [value]	n/a n/a n/a	Control Strategy  (No corresponding field) Setpoint Type Setpoint Setting Condition	Pneumatic Electronic Other Unknown Supply air temperature Normal	n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air	Electric Other Unknown [value]	n/a n/a n/a	Control Strategy  (No corresponding field) Setpoint Type Setpoint Setting Condition HVAC Systems Controlled	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating	n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air	Electric Other Unknown [value]	n/a n/a n/a	Control Strategy  (No corresponding field) Setpoint Type Setpoint Setting Condition HYAC Systems Controlled Setpoint Low	Pneumatic Electronic Other Unknown Supply air temperature Normal	n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air	Electric Other Unknown [value]	n/a n/a n/a	Control Strategy  [No corresponding field] Setpoint Type Setpoint Setting Condition HVAC Systems Controlled Setpoint Low Setpoint High	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating = value	n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature Heating Supply Air	Electric Other Unknown [value] [value]	n/a n/a n/a n/a n/a °F	Control Strategy  [No corresponding field) Setpoint Type Setpoint Setting Condition HVAC Systems Controlled Setpoint Low Setpoint High Setpoint Type	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating =ivalue  -fvalue  -fvalue  Supply air temperature	n/a n/a n/a n/a n/a n/a n/a a°F a°F n/a			Nierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature	Electric Other Unknown [value] [value]	n/a n/a n/a n/a n/a °F	Control Strategy  [No corresponding field] Setpoint Type Setpoint Setting Condition HVAC Systems Controlled Setpoint High Setpoint Type HVAC Systems Controlled	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating "Ivalue!   a value	n/a n/a n/a n/a n/a n/a n/a n/a °F			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature Heating Supply Air	Electric Other Unknown [value] [value]	n/a n/a n/a n/a n/a °F	Control Strategy  INo corresponding field) Setpoint Type Setpoint Setting Condition HYAC Systems Controlled Setpoint High Setpoint High Setpoint Type HYAC Systems Controlled Control Strategy Control Strategy	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating -livabuel -fivabuel Supply air temperature Heating	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature Control	Electric Other Unknown [value] [value] [value]	n/a n/a n/a n/a n/a n/a *F	Control Strategy  (No corresponding field) Setpoint Type Setpoint Setting Condition HVAC Systems Controlled Setpoint High Setpoint High Setpoint High Setpoint Type HVAC Systems Controlled Control Strategy Control Strategy	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating -livabuel -livabuel -livabuel -livabuel -livabuel	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature Control	Electric Other Unknown [value] [value] [value]	n/a n/a n/a n/a n/a n/a *F	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HYAC Systems Controlled Seppoint High Seppoint High Seppoint High Seppoint Cypt HYAC Systems Controlled Control Strategy Control Strategy	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating Invaluel Invaluel Heating Invaluel Duply air temperature Normal Heating Invaluel Duply air temperature Heating Invaluel Duply air temperature	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature Control	Electric Other Unknown Ivalue  [value]  [value]  Dual Maximum Single Maximum	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HYAC Systems Controlled Seppoint Help Seppoint Help Seppoint Help Seppoint Help Seppoint Type HYAC Systems Controlled Control Strategy Control Strategy	Pneumatic Electronic Other Unknown Supply air temperature Normal Neating -I-loakel -I-I-loakel -I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I-I	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature Control	Electric Other Unknown (value) (value) (value)  (value)  (value)  Other  Dual Maximum Single Maximum Other	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Low Seppoint High Seppoint High Seppoint High Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy	Pneumatic Electronic Other Undrown Supply air temperature Normal Heating I-loakel Supply air temperature Normal Polakel I-loakel Joanneum India I-loakel Joanneum India I-loakel Undrown Electronic III E	n/a n/a n/a n/a n/a n/a n/a n/a **F **F n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method	Electric Other Unknown (yalue) (yalue) (yalue)  Dual Maximum Other Unknown	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Control Strategy  (No corresponding field) Seppoint Type Setpoint Setting Condition HYAC Systems Controlled Setpoint High Septoint High Septoint High Septoint Systems Controlled Control Strategy Control Strategy Control Strategy Setpoint Type	Pneumatic Electronic Other Unknown Unknown Normal Neating -I-dashel -I-dashe	1/3 1/3 1/3 1/3 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Reheat Control Method Reheat Control Method	Electric Other Unknown Ivaluel Ivaluel Ivaluel Ivaluel Usul Maximum Single Maximum Other Unknown Ivaluel	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Low Seppoint High Seppoint High Seppoint High Seppoint Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source Reheat Source	Pneumatic Electronic Other Undrown Supply air temperature Normal Heating I-loakel Supply air temperature Normal Polakel I-loakel Joanneum India I-loakel Joanneum India I-loakel Undrown Electronic III E	n/a n/a n/a n/a n/a n/a n/a n/a **F **F n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Fource Reheat Plant ID	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown (yalue)	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Control Strategy  (No corresponding field) Seppoint Type Setpoint Setting Condition HYAC Systems Controlled Setpoint High Setpoint High Setpoint High Setpoint Type (Control Strategy Control Strategy Control Strategy Setpoint Type Reheal Source (No corresponding field)	Pneumatic Electronic Other Unknown Supply air temperature Normal Neating -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel -I-dashel	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Hierarchical element not used in BEDES
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature  Heating Supply Air Temperature Control  Reheat Control Method  Reheat Source Reheat Flant ID Outside Air Reset Maximum	Electric Other Unknown Ivaluel Ivaluel Ivaluel Ivaluel Usul Maximum Single Maximum Other Unknown Ivaluel	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Low Seppoint High Seppoint High Seppoint High Seppoint High Seppoint Strategy Control Strategy Control Strategy Control Strategy (Seppoint Type Reheat Source (No corresponding field) Seppoint Type (No corresponding field)	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating I-floakel Supply air temperature Heating I-floakel Supply air temperature Heating I-floakel Supply air temperature Heating I-floakel Unknown Reheati	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Fource Reheat Plant ID	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HACE Systems Controlled Seppoint Lovi Seppoint Help Seppoint Help Seppoint Help Seppoint Type HACE Systems Controlled Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Strategy Control Strategy Seppoint Setting Condition	Pneumatic Electronic Other Unknown Supply air temperature Normal Neating	1/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6/2 6			
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature  Heating Supply Air Temperature Control  Reheat Control Method  Reheat Source Reheat Flant ID Outside Air Reset Maximum	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint High Seppoint High Seppoint High Seppoint High Seppoint Seppoint High Seppoint Seppoint High Seppoint Type HACK Systems Controlled Control Strategy Control Strategy Control Strategy  Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Seppoint Setting Condition Seppoint Setting Condition Seppoint Setting Condition Seppoint Setting Condition Seppoint Setting Condition Seppoint Setting Condition Seppoint Setting Condition Setting	Pneumatic Electronic Other Unknown Supply air temperature Normal Heating -floakel Supply air temperature Normal Heating -floakel Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Supply air temperature Neurol Neurol Supply air temperature Neurol Neurol Neurol Supply air temperature Neurol Neuro	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Unide Air Reset Maximum Heating Supply Temperature	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown  (yalue) (yalue)  Unknown  [value] (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HACA Systems Controlled Seppoint Lov Seppoint Setting Condition HACA Systems Controlled Seppoint Lov Seppoint Type HACA Systems Controlled Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Type Seppoint Type Seppoint Hype	Pneumatic Electronic Other Unknown Sopply air temperature Normal Neating	N/a N/a N/a N/a N/a N/a N/a N/a N/a N/a			
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature  Heating Supply Air Temperature Control  Reheat Control Method  Reheat Control Method  Outside Air Reset Maximum Heating Supply Temperature  Outside Air Reset Minimum  Outside Air Reset Minimum	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint tow Seppoint High Seppoint High Seppoint High Seppoint High Seppoint Setting Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint	Pneumatic Electronic Other Unknown Supply air temperature Normal Industria I	N/3 N/2 N/2 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Unide Air Reset Maximum Heating Supply Temperature	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown  (yalue) (yalue)  Unknown  [value] (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Sepoint Hack Septons Setting Condition HAC Systems Controlled Sepoint High Septons Type HACK Systems Controlled Control Strategy Control Strategy Control Strategy Control Strategy Sepoint Type Reheat Source (No corresponding field) Seppoint Type Sepoint Setting Condition HACK Systems Controlled Seppoint High Seppoint Type Seppoint Setting Condition	Pneumatic Electronic Other Unknown Septy air temperature Normal Heating -t-loakel	N/a N/a N/a N/a N/a N/a N/a N/a N/a N/a			
Heating Plant ID Heating Supply Air Temperature  Heating Supply Air Temperature  Heating Supply Air Temperature Control  Reheat Control Method  Reheat Control Method  Outside Air Reset Maximum Heating Supply Temperature  Outside Air Reset Minimum  Outside Air Reset Minimum	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown  (yalue) (yalue)  Unknown  [value] (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Setpoint tow Seppoint High Seppoint High Seppoint High Seppoint High Seppoint Setting Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint Setting Condition HAC Systems Controlled Seppoint Setting Condition HAC Systems Controlled Seppoint Setting Condition HAC Systems Controlled	Pneumatic Electronic Other Unknown Supply air temperature Normal Feating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Neating Floakel Supply air temperature Reset Heating Floakel Reset	N/3 N/2 N/2 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Reheat Flant ID Outside Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature	Electric Other Unknown (yalue) (yalue)  [yalue]  Dual Maximum Other Unknown (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HVAC Systems Controlled Sendont Low Sendon's Setting Condition HVAC Systems Controlled Sendon's High	Pneumatic Electronic Other Unknown Supply air temperature Normal Fleating -Industed -I	N/2			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method  Reheat Source Reheat Plant ID Outside Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature	Electric Other Unknown (yalue) (yalue)  [value]  Dual Maximum Other Unknown  (yalue) (yalue)  Unknown  [value] (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Setpoint tow Seppoint High Seppoint High Seppoint High Seppoint High Seppoint High Seppoint Setting Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint Setting Condition HAC Systems Controlled Seppoint Setting Condition HAC Systems Controlled Seppoint Setting Condition HAC Systems Controlled Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Type Seppoint T	Pneumatic Electronic Other Unknown Supply air temperature Normal Industrian I	N/2 N/2 N/2 N/2 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Unided Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Unided Air Temperature Unided Air Temperature	Electric Other Unknown (yalue) (yalue)  [yalue]  Dual Maximum Other Unknown (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Sendon't Setting Condition HAC Systems Controlled Sendon't High Sendon't High Setpoint Type HAC Systems Controlled Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Sendon't Setting Condition HAC Systems Controlled Seppoint Type Seppoint High Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint Setting Condition HAC Systems Controlled Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Type Seppoint Setting Condition	Pneumatic Electronic Other Usknown Supply at temperature Normal N	A/2			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method  Reheat Source Reheat Plant ID Outside Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature	Electric Other Unknown (yalue) (yalue)  [yalue]  Dual Maximum Other Unknown (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Low Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint Type HACS Systems Controlled Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Setting Condition HACS Systems Controlled Seppoint Type Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Strategy Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled	Pneumatic Electronic Other Unknown Supply air temperature Normal Industrial I	N/2 N/2 N/2 N/2 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Reheat Flant ID Outside Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature Outside Air Temperature	Electric Other Unknown (yalue) (yalue)  Dual Maximum Other Unknown (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  (No corresponding field) Seppoint Type Seppoint Setting Condition HVAC Systems Controlled Sendont Low Septonis Setting Condition HVAC Systems Controlled Sendont High Septonis Type HVAC Systems Controlled Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Septonis Type Septonis Setting Condition HVAC Systems Controlled Setpoint Type Septonis Setting Condition HVAC Systems Controlled Setpoint Type Setpoint Hype Setpoint Setting Condition HVAC Systems Controlled Setpoint Type Setpoint Type Setpoint Type Setpoint Type Setpoint Hype Setpoint Type Setpoint Hype Setpoi	Pneumatic Electronic Other Unknown Supply air temperature Normal Fleating -Indahel Supply air temperature Fleating -Indahel Supply air temperature Fleating -Indahel Supply air temperature Fleating -Indahel Supply air temperature Fleating -Indahel Supply air temperature Fleating -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel Supply air temperature -Indahel	N/2			
Heating Plant ID Heating Supply Air Temperature Heating Supply Air Temperature Control Reheat Control Method Reheat Control Method Unided Air Reset Maximum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Outside Air Reset Minimum Heating Supply Temperature Unided Air Temperature Unided Air Temperature	Electric Other Unknown (yalue) (yalue)  [yalue]  Dual Maximum Other Unknown (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue) (yalue)	n/a n/a n/a n/a n/a n/a n/a r/a r/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n	Control Strategy  No corresponding field) Seppoint Type Seppoint Setting Condition HAC Systems Controlled Seppoint Low Seppoint Setting Condition HAC Systems Controlled Seppoint High Seppoint Type HACS Systems Controlled Control Strategy Control Strategy Control Strategy Control Strategy Control Strategy Seppoint Type Reheat Source (No corresponding field) Seppoint Type Seppoint Setting Condition HACS Systems Controlled Seppoint Type Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Special Seppoint Setting Condition HACS Systems Controlled Seppoint Setting Condition HACS Systems Controlled Seppoint Type Seppoint Setting Condition HACS Systems Controlled Seppoint Type	Pneumatic Electronic Other Unknown Supply air temperature Normal Industrial I	A/2			

ync me	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term Setpoint Low	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
em	Cooling Plant Type	Chiller	n/a	Cooling Type	(No corresponding field)				BEDES does not have a general entry for chillers. These plants
		DistrictChilledWater	n/a		District chilled water	n/a			identified through other fields in BuildingSync.
		NoCooling	n/a		No cooling	n/a			
			n/a		Other	n/a			
-	Chiller Type	Unknown Vapor compression	n/a n/a	Cooling Type	Unknown Vapor compression chiller	n/a n/a			
	Crimer Type	Absorption	n/a	Cooling Type	Absorption chiller	n/a			
		Other	n/a		Other	n/a			
l		Unknown	n/a		Unknown	n/a			
	Cooling Source Type	CoolingPlantID	n/a	Cooling Type	(No corresponding field)				Central cooling plants are not differentiated from zonal system
		DX	n/a		(No corresponding field)				BEDES, therefore the Cooling Plant value is not relevant in th
		EvaporativeCooler	n/a n/a		Evaporative cooler Other	n/a n/a			mapping. DX is not a general category in BEDES, and is there identified through the DX System Type field in BuildingSync.
		OtherCombination NoCooling	n/a		No cooling	n/a			identified through the bx system type field in buildingsync.
		Unknown	n/a		Unknown	n/a			1
İ	DX System Type	Split DX air conditioner	n/a	Cooling Type	Split DX air conditioner	n/a			
		Packaged terminal air conditioner (PTAC)	n/a		Packaged terminal air conditioner	n/a			
		Split heat pump	n/a		Split heat pump	n/a			
		Packaged terminal heat pump (PTHP)	n/a		Packaged terminal heat pump	n/a			
		Variable refrigerant flow Packaged/unitary direct	n/a n/a		Variable refrigerant flow Packaged unitary direct	n/a n/a			
		expansion/RTU Packaged/unitary heat pump	n/a		expansion RTU Packaged unitary heat pump	n/a			
		Single package vertical air conditioner	n/a		Single package vertical air conditioner	n/a			
		Single package vertical heat pump	n/a		Single package vertical heat pump	n/a			
		Other	n/a	İ	Other	n/a			
		Unknown	n/a		Unknown	n/a			
	Cooling Medium	[value]	n/a	Cooling Medium	=[value]	n/a			
ļ	Zoning System Type	[value]	n/a	Zoning System Type	=[value]	n/a			
ŀ	Cooling Plant ID	[value]	n/a	(No corresponding field)		,			Hierarchical element not used in BEDES
	HVAC pipe configuration Chiller Compressor Driver	[value]	n/a n/a	Pipe Configuration Chiller Compressor Driver	=[value] =[value]	n/a n/a			
	Chiller Compressor Type	[value]	n/a	Chiller Compressor Type	=[value]	n/a			
	Compressor Staging	[value]	n/a	Compressor Staging	=[value]	n/a			
İ	Condenser Plant	AirCooled	n/a	Condenser Type	Air cooled	n/a			
		WaterCooled	n/a		(No corresponding field)				BEDES does not have general Water Cooled or Ground Sourc categories, but it can be inferred based on more detailed ele
		GroundSource	n/a		(No corresponding field)				
		GlycolCooledDryCooler Other	n/a n/a		Glycol cooled, dry cooler Other	n/a n/a			
		Unknown	n/a		Unknown	n/a			
	Water Cooled Condenser Type	Cooling tower	n/a n/a	Condenser Type	Water cooled, cooling tower	n/a			
		Other Unknown	n/a		Other Unknown	n/a n/a			
İ	Ground Source Type	Open loop ground water	n/a	Condenser Type	Water cooled, open loop ground water				
		Closed loop ground source	n/a		Water cooled, closed loop ground source	n/a			
		Other	n/a		Other	n/a			
		Unknown	n/a		Unknown	n/a			
	Absorption Heat Source	[value]	n/a	Absorption Heat Source	=[value]	n/a			
		[value]	n/a	Absorption Stages	=[value]	n/a			
ļ	Absorption Stages								
	Number of Discrete Cooling	[value]	n/a	Number of Discrete Cooling Stages	=[value]	n/a			
	Number of Discrete Cooling Stages Cooling Stage Capacity	[value]	n/a %	Stages Cooling Stage Capacity	=[value]	%			
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation	[value] [value] [value]	n/a % n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation	=[value] =[value]	% n/a			
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value	[value] [value] [value]	n/a % n/a n/a	Stages Cooling Stage Capacity Condenser Fan Speed	=[value]	%			Units are those assigned for the corresponding Efficiency Mr Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation	[value] [value] [value]	n/a % n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier	=[value] =[value] Annual cooling	% n/a n/a			Units are those assigned for the corresponding Efficiency Mr Qualifler.
	Number of Discrete Cooling Stages Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio	[value] [value] [value] [value] [value] [value] [value]	n/a % n/a n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio	=[value] =[value] Annual cooling =[value] =[value] =[value]	% n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which	[value] [value] [value] [value]	n/a % n/a n/a n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Wetric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which	=[value] =[value] Annual cooling =[value] =[value]	% n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Buyass Operates Evaporative Cooling Type	[value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a % n/a n/a n/a n/a n/a n/a n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Metric Qualifier Efficiency Metric Qualifier Allow Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates Evaporative Cooling Type	= value  =[value] Annual cooling =[value] =[value] =[value] =[value] =[value] =[value]	% n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates	[value] [value] [value] [value] [value] [value] [value] [value]	n/a % n/a n/a n/a n/a %	Stages Cooling Stage Capacity Condenser Fan Speed Operation Hitchicany Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates Exportative Cooling Type Seppoint Setting Condition	=[value] =[value] Annual cooling =[value] =[value] =[value] =[value] =[value] =[value] supply water temperature Reset	% n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Buyass Operates Evaporative Cooling Type	[value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a % n/a n/a n/a n/a n/a n/a n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Operates Exportate Cooling Type Seppoint Setting Condition Reset Routine Control Strategy	- value  - value	%			Qualifier.
	Number of Discrete Cooling States Cooling States Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Milnimum Part Load Ratio Part Load Ratio Below Which Ore Cooling Type Chilled Water Reset Control Cooling Type Cooling Tower Control Type	(value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value)	n/a % n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Stages Gooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Byiass Operates Evaporative Cooling Type Seppinit Speed Seppinit Type Control Strategy Condition Reset Routine Condrol Strategy Condenser Type	-fvalue  -fvalue	5% n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling States Cooling States Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Log Minimum Part Log Agrand Part Log Agra	[value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a  % n/a  n/a  n/a  n/a  n/a  n/a  n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Operates Exportate Cooling Type Seppoint Setting Condition Reset Routine Control Strategy	- value  - value	9% n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling States Cooling States Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Milnimum Part Load Ratio Part Load Ratio Below Which Ore Cooling Type Chilled Water Reset Control Cooling Type Cooling Tower Control Type	(value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value) (value)	n/a % n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Stages Gooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Byiass Operates Evaporative Cooling Type Seppinit Speed Seppinit Type Control Strategy Condition Reset Routine Condrol Strategy Condenser Type	-Ivalue  -Iv	96  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/			Qualifier.
	Number of Discrete Cooling States Cooling States Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Log Minimum Part Log Agrand Part Log Agra	[value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a  % n/a  n/a  n/a  n/a  n/a  n/a  n/a	Stages Gooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Byiass Operates Evaporative Cooling Type Seppinit Speed Seppinit Type Control Strategy Condition Reset Routine Condrol Strategy Condenser Type	- value  - value	9% n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling States Cooling States Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Log Minimum Part Log Agrand Part Log Agra	[value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] Two Position Flow Two Position Flow Two Position Flow	n/a  % n/a  n/a  n/a  n/a  n/a  n/a  n/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Operate Supportative Cooling Type Sexpoint Setting Condition Reset Routine Control Strategy Condenser Type Control Strategy	- value  - v	76  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Type Cooling Tower Control Type Water Cooled Condenser Flow Control	(value) (value)	n/a  %  n/a  n/a  n/a  n/a  n/a  n/a  n/	Stages Cooling Stage Capacity Condenser Fan Speed Opperation Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Book Which Hod Gas Boyass Operates Exported Stoppers Exported Type Exported Type Control Strategy Control Strategy Control Strategy  Setpoint Type  Setpoint Type  Setpoint Type	-Ivalue  -Iv	56 R/a R/a R/a R/a R/a R/a R/a R/a R/a R/a			Qualifier.
	Number of Discrete Cooling Stasec Capacity Coolines Stasec Capacity Coolines Stasec Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Delow Witch Gast Bysass Delow Witch Cooling Tope Childie Water Reset Control Cooling Tower Control Type Water Cooled Condenser Flow Control  Water Cooled Condenser Flow Control Cell Count	(value) (value)	\( n/a \) \( n/a \)	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bynass Operates Exportate Cooling Type Sepoint Setting Condition Reset Routine Control Strategy Condenser Type Condenser Type Control Strategy Setpoint Type Setpoint Setting Condition Reset Routine Control Strategy Condenser Type Cell Count College Condenser Type Cell Count	- value  - v	56 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Type Cooling Tower Control Type Water Cooled Condenser Flow Control	(value) (value)	n/a  55  10/a	Stages Cooling Stage Capacity Condenser Fan Speed Opperation Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Book Which Hod Gas Boyass Operates Exported Stoppers Exported Type Exported Type Control Strategy Control Strategy Control Strategy  Setpoint Type  Setpoint Type  Setpoint Type	-Ivalue  -Iv	56 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Office Cooling Stage Vaporative Cooling Type Cooling Tower Control Type Water Cooling Tower Control Water Cooled Condenser Flow Cortrol  Cell Count Water Side Economizer	(value) (value)	n/a  55  76  77  77  77  77  77  77  77  77	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Operate Support Load Ratio Dear Value Efficiency Tollogy Efficiency Operate Support Load Ratio Dear Support Load Ratio Reset Routine Control Strategy Condenser Type Control Strategy  Setpoint Type Setpoint Type Conficiency Control Strategy  Conficiency Control Strategy  Setpoint Type Conficiency Conficiency Control Strategy  Conficiency Control Strategy  Conficiency Con	-Ivaluel -Iv	56 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Office Stages Visporative Cooling Type Cooling Tower Control Type Water Cooled Condenser Flow Control  Cell Count Water Side Economizer Water Side Economizer Water Side Economizer Type Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer	(value) (value)	n/a  55  10/a	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates Exportate Ecology Bype Sepoint Type Sepoint Serting Condition Reset Routine Control Strategy Condenser Type Condrol Strategy  Setpoint Type Eel Count Water-Side Economizer Water-Side Economizer Water-Side Economizer Type Sepoint Type Sepoint Type Cell Count Water-Side Economizer Water-Side Economizer Type Sepoint Type Sepoint Type Setpoint Type Cell Count Water-Side Economizer Water-Side Economizer Type Sepoint Type	-Ivaluel  -Ivalu	76			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Operation Part Load Ratio Below Which Office Sie Synass Operates Evaporative Cooling Type Cooling Tower Control Type Water Cooled Condenser Flow Control  Cell Count Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Type Water Side Economizer Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Type Type Type Type Type Type Type	(value) (value)	n/a  55  76  77  77  77  77  77  77  77  77	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Value Efficiency Value Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Minimum Part Load Ratio Fant Load Ratio Below Which Hot Gas Bypass Operates Evaporative Cooling Type Sepoint Type Sepoint Type Control Strategy Condenser Type Control Strategy  Setpoint Type Cell Count Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Type Setpoint Type HAVAC Systems Controlled	-Ivaluel -Ivaluel	76			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Tower Control Type Water Cooled Condenser Flow Control  Cooling Tower Control Type Water Cooled Condenser Flow Control Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer DB	(value) (value)	n/a  55  76  77  77  77  77  77  77  77  77	Stages Cooling Stage Capacity Condenser Fan Speed Opperation Efficiency Qualifier Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Gualifier Efficiency Metric Geodesic Efficiency Metric Geodesic Efficiency Metric Geodesic Efficiency Metric Geodesic Efficiency Metric Exporter Stepper Sepport Setting Condition Recet Routine Control Strategy Condenser Type Condenser Type Setpoint Type Edil Count Water-Side Economizer	-iyakue] -iyakue]	76			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which Operation Part Load Ratio Below Which Office Sie Synass Operates Evaporative Cooling Type Cooling Tower Control Type Water Cooled Condenser Flow Control  Cell Count Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Type Water Side Economizer Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Water Side Economizer Type Type Type Type Type Type Type Type	(value) (value)	n/a  55  76  77  77  77  77  77  77  77  77	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Qualifier Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates Evaporative Cooling Type Seppoint String Condition Reset Routine Control Strategy Condenser Type Condenser Type Condenser Type  Setpoint Type  Gell Count Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Type Setpoint Type  HNAC Systems Controlled	- value  - v	76			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Tower Control Type Water Cooled Condenser Flow Control  Water Side Economizer DB Temperature Maximum Water Side Economizer DB Temperature Maximum	(value) (value)	n/a  55  10/a  10/	Stages Cooling Stage Capacity Condenser Fan Speed Opperation Efficiency Qualifier Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Gualifier Efficiency Metric Gualifier Efficiency Metric Gualifier Efficiency Metric Geologie Efficiency Metric Below Which Hot Gas Beyoass Operates Exportist Steps Seppoint String Condition Reset Routine Control Strategy Condenser Type Control Strategy  Setpoint Type  Set Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Type HAC Systems Controlled Setpoint High Setpoint High Setpoint High Setpoint High	-iyakue] -iyakue]	76 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Tower Control Type Water Cooled Condenser Flow Control  Cooling Tower Control Type Water Cooled Condenser Flow Control Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer Water Side Economizer DB	(value) (value)	n/a  55  76  77  77  77  77  77  77  77  77	Stages Cooling Stage Capacity Condenser Fan Speed Operation Efficiency Qualifier Efficiency Qualifier Efficiency Value Efficiency Metric Qualifier Minimum Part Load Ratio Part Load Ratio Below Which Hot Gas Bypass Operates Evaporative Cooling Type Seppoint String Condition Reset Routine Control Strategy Condenser Type Condenser Type Condenser Type  Setpoint Type  Gell Count Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Water-Side Economizer Type Setpoint Type  HNAC Systems Controlled	-Ivaluel  -Ivalu	75.  1/4  1/4  1/4  1/4  1/4  1/4  1/4  1/			Qualifier.
	Number of Discrete Cooling Stages Cooling Stage Capacity Condenser Fan Speed Operation Annual Cooling Efficiency Value Annual Cooling Efficiency Units Minimum Part Load Ratio Part Load Ratio Below Which For Cooling Type Chilled Water Reset Control Cooling Tower Control Type Water Cooled Condenser Flow Control  Water Side Economizer DB Temperature Maximum Water Side Economizer DB Temperature Maximum	(value) (value)	n/a  55  10/a  10/	Stages Cooling Stage Capacity Condenser Fan Speed Opperation Efficiency Qualifier Efficiency Qualifier Efficiency Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Qualifier Efficiency Metric Gualifier Efficiency Metric Gualifier Efficiency Metric Gualifier Efficiency Metric Geologie Efficiency Metric Below Which Hot Gas Beyoass Operates Exportist Steps Seppoint String Condition Reset Routine Control Strategy Condenser Type Control Strategy  Setpoint Type  Set Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Water-Side Economiser Type HAC Systems Controlled Setpoint High Setpoint High Setpoint High Setpoint High	-iyakue] -iyakue]	76 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Units are those assigned for the corresponding Efficiency McQualifier.  Not expressed as a percentage in BEDES, but the value is the

nc e	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
c	vaporatively Cooled ondenser Maximum	[value]	°F	Setpoint Type	Dry bulb control point	n/a			
	emperature vanoratively Cooled	[value]	°F	Setpoint High Setpoint Type	=[value] Dry bulb control point	°F n/a			
c	ondenser Minimum	(value)				1,40			
	emperature hilled Water Supply	[value]	o <sub>E</sub>	Setpoint Low Setpoint Type	=[value] Supply water temperature	°F n/a			
Te	emperature	(value)		HVAC Systems Controlled	Cooling	n/a			
				Setpoint Low	=[value]	°F			
c	ondenser Water Temperature	[value]	°F	Setpoint High Setpoint Type	=[value] Supply water temperature	n/a			There doesn't appear to be a way to differentiate condenser a
				HVAC Systems Controlled	Cooling	n/a			chilled water supply temperatures in BEDES.
				Setpoint Low Setpoint High	=[value] =[value]	°F			-
Fa	an Coil Type	[value]	n/a	Cooling Delivery Type	=[value]	n/a			
Α	ir Delivery Type	Central fan	n/a	Cooling Delivery Type	Central air handler single duct	n/a			BEDES has separate options for Heating Delivery Type and Co
D	uct Configuration	Single	n/a						Delivery Type. BuildingSync does not make the distinction, be Delivery Type can be referenced by either a heating system o
C	oolingSourceID	(Not null)	n/a						cooling system, or both.
А	ir Delivery Type	Central fan	n/a	Cooling Delivery Type	Central air handler dual duct	n/a			BEDES has separate options for Heating Delivery Type and Co
D	uct Configuration	Dual	n/a	ř					Delivery Type. BuildingSync does not make the distinction, be Delivery Type can be referenced by either a heating system of
С	oolingSourceID	(Not null)	n/a						cooling system, or both.
A	ir Delivery Type	Induction units	n/a	Cooling Delivery Type	Chilled beam	n/a			It appears induction units in cooling mode are treated as chil beams in BEDES, but I'm not positive.
		Low pressure under floor Local fan	n/a n/a		Under floor Local fan	n/a n/a			
	Į.	Other	n/a		Other	n/a			
_		Unknown (Not null)	n/a n/a		Unknown	n/a			
		Central fan	n/a	Heating Delivery Type	Air handler	n/a			BEDES has separate options for Heating Delivery Type and C
		Induction units	n/a		Induction units	n/a			Delivery Type. BuildingSync does not make the distinction, b
		Low pressure under floor Local fan	n/a n/a		Low pressure under floor Local fan	n/a n/a			Delivery Type can be referenced by either a heating system cooling system, or both.
		Other	n/a		Other	n/a			
н	eatingSourceID	Unknown (Not null)	n/a n/a		Unknown	n/a			-
		CAV terminal box with reheat	n/a	Cooling Delivery Type	Terminal reheat	n/a			The BEDES Terminal Reheat option does not expressly indica constant volume, but it seems to be implied because VAV is separately.
		VAV terminal box fan powered no reheat	n/a		VAV terminal box fan powered	n/a			
		VAV terminal box fan powered with reheat	n/a		VAV terminal box fan powered	n/a			
		VAV terminal box not fan powered no reheat	n/a		VAV terminal box not fan powered	n/a			
		VAV terminal box not fan	n/a		VAV terminal box not fan	n/a			
		powered with reheat Automatically controlled	n/a		Dowered Other	n/a			
		register							
		Manually controlled register Uncontrolled register	n/a n/a		Other Other	n/a n/a			
		Other	n/a		Other	n/a			
c		Unknown (Not null)	n/a n/a		Unknown	n/a			
Te	erminal Unit	CAV terminal box with reheat VAV terminal box fan powered no reheat	n/a n/a	Heating Delivery Type	CAV terminal box with reheat VAV terminal box fan powered no reheat	n/a n/a			
		VAV terminal box fan powered with reheat	n/a		VAV terminal box fan powered with reheat	n/a			
		VAV terminal box not fan	n/a		VAV terminal box not fan	n/a			
1	ł	powered no reheat VAV terminal box not fan	n/a		powered no reheat VAV terminal box not fan	n/a			1
		powered with reheat Automatically controlled	, .		powered with reheat				
		Automatically controlled register	n/a		Other	n/a			
1		Manually controlled register	n/a		Other	n/a	-		
1		Uncontrolled register Other	n/a n/a		Other Other	n/a n/a			1
L		Unknown	n/a		Unknown	n/a			
		(Not null) Perimeter baseboard	n/a n/a	Cooling Delivery Type	Other	n/a			
		Chilled beam	n/a		Chilled beam	n/a			
		Other Unknown	n/a n/a		Other Unknown	n/a n/a			4
c		(Not null)	n/a n/a		Onellowii	n/a			
С	onvection Type	Perimeter baseboard	n/a	Heating Delivery Type	Perimeter baseboard	n/a			-
l		Chilled beam Other	n/a n/a		Other Other	n/a n/a			1
L		Unknown	n/a		Unknown	n/a			1
		(Not null) Radiator	n/a n/a	Cooling Delivery Type	Other	n/a			
1.0		Radiant floor or ceiling	n/a	and pentery type	Radiant ceiling	n/a			1
l		Other	n/a		Other	n/a			-
c		Unknown (Not null)	n/a n/a		Unknown	n/a			1
R	adiant Type	[value]	n/a	Heating Delivery Type	=[value]	n/a			
		(Not null) [value]	n/a °F	Setpoint Type	Room temperature	n/a			1
139	coponic remperature cooling	[voide]		Setpoint Type Setpoint Setting Condition	Normal	n/a			
1				HVAC Systems Controlled	Cooling	n/a			
				Setpoint Low Setpoint High	=[value] =[value]	°F			<del> </del>
Se	etup Temperature Cooling	[value]	°F	Setpoint Type	Room temperature	n/a			

Mathematical   Math										
Page	BuildingSync			BuildingSync						
Part   Part	Table Name	BuildingSync Term	BuildingSync Value	Units			BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
					Setnoint Low		nya °F			
Part   Part					Setpoint High	=[value]	°F			
March   Marc			[value]	°F	Setpoint Type					
Control Note   Cont		Temperature			Setpoint Setting Condition					
Part   March					Setpoint Low					
Month   Mont					Setpoint High		°F			
Company   Comp			[value]	n/a		Supply air temperature				
March   Marc		remperature Control Type								
Michael   Mich		Outside Air Reset Maximum	[value]	°F	Setpoint Type	Supply air temperature				
Contact of the Name		Cooling Supply Temperature			Setpoint Setting Condition		n/a			
Ministry   Ministry					HVAC Systems Controlled		n/a			
Comp   Sept   Processor   Comp   Co		Outside Air Reset Minimum	[value]	°F	Setpoint Type					
Page 15   Page		Cooling Supply Temperature					n/a			
							n/a			
Marie of Courts   Fook   September   Marie of Courts   Marie of		Outside Air Temperature	[value]	°F		=[value] Outside air temnerature limit	n/a			
Control   Cont		Upper Limit Cooling Reset	()							
Contact or New Progression   Contact or New		Control			HVAC Systems Controlled		n/a			
Date of the County (control to the County (					Setpoint High	=[value]	°F			
Control   Cont			[value]							
The Control Services of the Co					HVAC Systems Controlled					
Manual   M					Setpoint Low	=[value]	°F			
Mary No.   Specific			[value]	n/a						-
Manufactor	Other HVAC		Humidifier	n/a						
Part	ouler nVAC	Outer HVAC Type			Other HVAC Type					
Manual Professional Professio			AirCleaner	n/a		Air cleaner	n/a			
Part   Part			MechanicalVentilation	n/a		Mechanical ventilation	n/a			
Marchereletion   16			Spot exhaust	n/a		(No corresponding field)	n/a			Spot exhaust is not a general option in BEDES. Other fields are
March   Control Name   Control Nam			NaturalVentilation	n/a		Other	n/a			- angum and
Vertification Reserved   Vesting   Control State   Control S			Other	n/a		Other	n/a			
Manual Processor Processor State   S			Unknown	n/a		Unknown	n/a			
Vertical Core   Type   Contact carry   Conta										
Septic coly										
Mark recovery verification   1/2			Supply only	n/a	, , , ,	Supply only	n/a			
Part			Dedicated outdoor air system	n/a			n/a			
Other   1/2   Other   1/2			Heat recovery ventilator				n/a			
Verificiation Coron Methods			Other			Other	n/a			
Series   Part   Series   Ser			Unknown	n/a		Unknown	n/a			
Peed		Ventilation Control Method	CO2 Sensors	n/a						
Find					Sensor Type	Carbon dioxide				
Selection Prec			Fixed	n/a	Control Strategy	Fixed	n/a n/a			
Service   Page					Setpoint Type	Outside air flow rate				
Septent Page			Occupancy Sensors	n/a						
Scheduled   Pri										
Setpoint Type			Scheduled	n/a	Control Strategy	Scheduled				
Unknown   Na					Setpoint Type	Outside air flow rate				
Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Verification Zone Control   Zone   Vive			Other	n/a	Control Strategy	Other	n/a			
Seption Type			Unknown	n/a	Setpoint Type Control Strategy	Outside air flow rate				
Demand Control Verdiation   True										
Demand Control Versitation   Trice   n/a   Septoint Type   Demand control versitation   n/a   No corresponding fields   n/a		Ventilation Zone Control	[value]	n/a						
Falle		Domand Control Ventil-*-	Truo	0/2		=[value]	n/a			
Ehaust Location   Bathroom   Vis		Demand Control Ventilation				pernand control ventilation	ių d			
Richen hood   v/a   Other MNA Type   Exhaust hood libotancy v   v/a		Exhaust Location				Exhaust only	n/a			
Chefront   A			Kitchen hood	n/a	Other HVAC Type	Exhaust hood kitchen	n/a		-	
Natural Vertilation Method   Value			Laboratory hood	n/a	Other HVAC Type	Exhaust hood laboratory	n/a			<u> </u>
Natural vertilation Method   Value   n/a   Natural vertilation Method   Value   n/a   Natural vertilation Method   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   n/a   Natural vertilation Reta   Value   Natural Vertilation Ret			Unknown		Ventilation Type	Exhaust only				
Natural Verilitation Rate   Value   N/a		Natural Ventilation Method		n/a	Natural Ventilation Method	=[value]	n/a			
Humidity Control Minimum   Value    n/a   Setpoint Type   Humidity   n/a   Setpoint Type   N/a   Setpoint Type   Humidity   n/a   Setpoint Type   N/a			[value]	n/a		=[value]				
Number   N		Humidification Type			Humidification Type					
Humidity Control Maximum   Value    n/a   Setpoint Yape   Humidity   n/a   Setpoint Yape   Value  %   Setpoint Yape   Set		mammaty control Minimum	[value]	iiya			nyd %			
Dehumidification Type		Humidity Control Maximum	[value]	n/a	Setpoint Type		n/a			
Dehumidification Type   Value   n/a   Dehumidification Type   Value   n/a   Hierarchical element not used in BEDES					Setpoint High	=[value]	%			
System Performance Ratio   Value    V		Dehumidification Type			Dehumidification Type	=[value]	n/a	`		
Incardescent   Na					(No corresponding field) System Performance Ratio	=[value]	n/a			Hierarchical element not used in BEDES
UnearFluorescent   n/a	Lighting									
Halogen   0/a   Halogen   0/a   Halogen   0/a   Halogen   0/a   Halogen   0/a   Halogen   0/a   Ha	_		LinearFluorescent	n/a		Fluorescent	n/a			
High Intensity Discharge   n/a   High Intensity Discharge   n/a   High Intensity Discharge   n/a     High Intensity Discharge   n/a     High Intensity Discharge   n/a     High Intensity Discharge   n/a     High Intensity Discharge   n/a   High Intensity Discharg										<u> </u>
SolidStateLighting			maiogen HighIntensityDischarge		<del> </del>	High intensity discharge				
Induction   n/a   Induction   n/a			SolidStateLighing	n/a	İ	Solid State Lighting	n/a			
Plasma   n/a   Plas			Induction	n/a		Induction	n/a	_		
Photoluminescent   n/a				n/a						
Self-uninous   n/a   Self-un					1					
Other Combination         n/a         Other         n/a         Unknown         n/a           Lamp Label         Ivalue          n/a         Lamp Label         -[value]         n/a           Ballast Type         Electromagnetic         n/a         Bellectronic         n/a           Electronic         n/a         Electronic         n/a					İ					
Lamp Label         Value!         n/a         Lamp Label         r/value!         n/a           Ballast Type         Electromagnetic         n/a         Ballast Type         Electromic         n/a           Electromic         n/a         Electromic         n/a         Ilectromic         n/a			OtherCombination	n/a		Other	n/a			
Ballast Type Electromagnetic $n/a$ Ballast Type Electromagnetic $n/a$ Electromagnetic $n/a$			Unknown	n/a		Unknown	n/a			
Electronic n/a Electronic n/a		Rallast Tyne	[value] Electromagnetic	n/a	Rallast Tyne	=[valU8] Flectromagnetic	n/a			
			Electronic							
						Integrated				

BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Core and Coil F-Can	n/a n/a		Electromagnetic F-Can	n/a n/a			
	Other	n/a	ř		n/a			
	No Ballast	n/a		None	n/a			
Transformer Needed	True	n/a	Transformer Needs	Transformer Needed	n/a			
	False	n/a		No Transformer Needed	n/a			
Fluorescent Start Type	[value]	n/a	Ballast Type	=[value]	n/a			
Metal Halide Start Type	[value]	n/a	Ballast Type	=[value]	n/a			
Lamp Length	2 ft	n/a	Length	2	ft			
	4 ft	n/a	- 0	1	fr			
	Other	n/a		(No corresponding field)	IC.			
	Unknown	n/a		(No corresponding field)				
	Unknown	ny a	Unit of Measure	(No corresponding field)	n/a			+
								+
			Lighting Component	Lamp	n/a			
Input Voltage	120	n/a	Input Voltage	120	V			BEDES uses a decimal value for voltage. More complex v
	208	n/a		208	V			cannot be captured, but it allows more uncommon value
	240	n/a		240	V			
	277	n/a		277	V			
	347	n/a		347	V			
	480	n/a		480	V			
	120/277 (dual)	n/a		120	V			
	120-277 (universal)	n/a		120	V			
	347-480 (high voltage)	n/a		347	v			
	Other	n/a		(No corresponding field)	•			
Installation Type	[value]		Installation Type	=[value]	n/a			
Lighting Direction	Direct	n/a		Direct	n/a			
ugnung Direction			Lighting Direction					
	Indirect	n/a		Indirect	n/a			
	Direct-Indirect	n/a		Direct-Indirect	n/a			
	Spotlight	n/a		Spotlight	n/a			
	Floodlighting	n/a		Floodlighting	n/a			1
	Omnidirectional	n/a		Omnidirectional	n/a			
	Other	n/a		Other	n/a			
	Unknown	n/a		Unknown	n/a			
Lighting Control Type			Control Technology	Sensor	n/a			
Occupancy	Occupancy Sensors	n/a		Occupancy	n/a			
,	Occupancy sensors		Sensor Type	Occupancy				
	Vacancy Sensors	n/a		Vacancy	n/a			
	Other	n/a		Other	n/a			
	Unknown	n/a		Unknown	n/a			
	None	n/a		None	n/a			
Lighting Control Type Timer	[value]	n/a	Control Technology	Timer	n/a			
Lighting Control Type			Control Strategy	Daylight dimming	n/a			
Daylighting			Setpoint Type	Daylight illuminance	n/a			
Dayiigitang	Continuous	n/a		Continuous dimming	n/a			
	Continuous Plus Off		Control Strategy					
	Continuous Plus Off	n/a			n/a			
	Stepped Dimming	n/a		Stepped dimming	n/a			
	Stepped Switching	n/a		Other	n/a			
	Other	n/a		Other	n/a			
	None	n/a		None	n/a			
	Unknown	n/a		Unknown	n/a			
Lighting Control Type Manual	Manual On/Off	n/a	Control Technology	Manual	n/a			
	Manual Dimming	n/a	Control Technology	Manual dimming	n/a			
	Bi-level Control	n/a	Control Strategy	Bi level	n/a			
		.,	Control Technology	Manual	n/a			
	Tri-level Control	n/a	Control Strategy	Multi level	n/a			
	THE VET CONTENT	1,70	Control Technology	Manual	n/a			
	Other	n/a	Control Technology	Manual	n/a			
	Unknown	n/a	Control Technology Control Technology	Manual	n/a			
	None [value]	n/a		Manual	n/a			
e e l.III.		n/a	Control Strategy	Continuous dimming	n/a			There is no generic dimming term in BEDES, but it's assu continuous dimming is more likely than stepped.
Dimming Capability			Sotnoint Tuno	Output fraction	n/a			
Minimum Dimming Light Fraction	[value]	n/a n/a	Setpoint Type Setpoint Type	Output fraction  Power fraction	n/a n/a			
Minimum Dimming Light	[value]	n/a	Setpoint Type Setpoint Type Setpoint Type					
Minimum Dimming Light Fraction Minimum Dimming Power Fraction	[value]	n/a n/a	Setpoint Type	Power fraction  Daylight illuminance				
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BuildingSync   Table Name   BuildingSync Value   BuildingSync Value   Units Of Measure   ft   Height   It   Height   It   Height   It   Height   It   It   Height   It   It   It   It   It   It   It	### BEDES Unit  n/a  n/a  ft  n/a  n/a  n/a  ft  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Unit Conversion	Other Conversion Operations	Notes  Notes  Hierarchical element not used in BEDES  Hierarchical element not used in BEDES
Luminaire Height   Livalue    It   Height   It   Unit of Measure	ft th the third that			
Unit of Messure   It   Ughting Component   Unit of Messure   It   Ughting Component   Unit of Messure   It   Ughting Component   It   Spacing   Shake   It   Unit of Messure   It   Ughting Component   It   It   Unit of Messure   It   Ughting Component   Fisture   It   Ughting Component   It   It   It   It   It   It   It	n/a th n/a n/a br n/a br n/a br n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Fixture Spacing [value] ft Spacing   Fixture Spacing   Fixture Spacing   Fixture   Fix	ft			
Unit of Measure   ft   Update       Update       Update       Update	กร้อ her กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ			
Rated Lamp Life [value] by Useful Life — Invalue] by Useful Life — Invalue] Unit of Measure — hour — hour — hour — lamp — invalue] — hour — hour — lamp — invalue] — hour — hour — lamp — invalue] — i	กร้อ her กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ กร้อ			
Unit of Messure Unit of Messur	\(\frac{1}{\dagger}\) \(\frac{1}{\dagger}\)			
Domestic Hot Water Type   Value    0/a   0 mestic Hot Water Type   1/a value    1	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Tank Heating Type   value  0/a Tank Heating Type   value    value  0/a	n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/a			
Direct Tank Heating Source   Indirect Tank Heating Source   Indirect Tank Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Heating Source   Instantaneous Water Meating Market Mar	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Indirect Tank Heating Source   value    value	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Instantaneous Water Heating Source  Hot Water Distribution Type Looped  Hot Water Distribution Type Distributed Other Ot	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			Nerarchical element not used in BEDES
Source   No   Destributed   No   Destributed   No   Destributed   No   Destributed   No   Destributed   No   Destributed   No   Destributed   No   Destributed   Destrib	n/a n/a n/a n/a n/a n/a n/a n/a n/a gal n/a gal n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Distributed   Older	n/a n/a n/a n/a n/a n/a n/a n/a n/a gal n/a gal n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Point-of-use   N/a   Other	n/a n/a n/a n/a n/a n/a n/a n/a gal n/a n/a gal n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Other   N/a   Other	n/a n/a n/a n/a n/a gal n/a n/a gal n/a n/a n/a n/a n/a nt n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Daily Hot Water Draw  [value] [ al	n/a gal n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Tank Volume   Value    gal   Consumption Rate   - Value	gal n/a n/a gal n/a n/a n/a n/a n/a n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Capacity Qualifier   Volume   Capacity Qualifier   Volume   Capacity Qualifier   Volume   Capacity   -fivalue    Unit of Measure   pallons   pal	n/a n/a n/a gal n/a n/a n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
Capacity   I-value    I-value	gal n/a n/a ft n/a n/a n/a n/a n/a n/a			
Tank Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Value   It   Domestic hot Water Type   Storage tank   Height   Thermal Ifficiency   Value   It   Thermal Ifficiency   Value   It   Thermal Ifficiency   Value   It   Thermal Ifficiency   Value   It   Thermal Ifficiency   Value   It   Thermal Ifficiency   Value   It   Value   V	n/a n/a ft n/a n/a n/a n/a n/a ft n/a n/a n/a n/a			
Tank Height [value] ft Domestic foot Water Type   Storage tank Height   Fixed Part	n/a ft n/a n/a n/a ft n/a n/a n/a n/a n/a n/a n/a			
Height	ft n/a n/a n/a ft n/a n/a n/a n/a n/a n/a			
Tank Perimeter [value] Rt Domestic Not Water Type   Sorage Tank    Water Heater Efficiency Type   Energy Factor   Tyle    Water Heater Efficiency Type   Thermal Efficiency   N/a    Water Heater Efficiency   Value   Thermal Efficiency   N/a    Water Heater Efficiency   Value   Thermal Efficiency   N/a    Recovery Efficiency   Value   Thermal   Thermal    Recovery Efficiency   Value   Thermal   Thermal    Fificiency Value   Thermal   Thermal    Storage Tank Insulation R- Value   Thermal   Thermal    Value   The Tale Type   Thermal   The Tale Type    Storage Tank Insulation R- Value   Thermal   Thermal   Thermal    Storage Tank Insulation R- Value   Thermal   Thermal   Thermal    Storage Tank Insulation R- Value   Thermal   Thermal    Storage Tank Insulation   Value   Thermal   Thermal   Thermal    Final Type   Thermal   Thermal   Thermal    Final Type   Thermal   Thermal   Thermal    Rate   Thermal   Thermal   Thermal    Rate   Thermal   Thermal   Thermal    Final Type   Thermal   Thermal    Final Type   Thermal   Thermal    Final Type   Thermal   Thermal    Final Type   Thermal   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal    Final Type   Thermal Type    Fin	n/a ft n/a n/a n/a n/a			]
Perimeter   - value	ft n/a n/a n/a n/a			
Water Heater Efficiency Type  Bergy Factor Thermal Efficiency (value) Water Heater Efficiency (value) Water Heater Efficiency (value) Water Heater Efficiency (value) Water Heater Efficiency (value) Water Heater Efficiency (value) Water Heater Efficiency Water Water Heater Efficiency (value) Water Heater Efficiency Water Wa	n/a n/a n/a			1
Thermal Efficiency   1/2   Thermal Efficiency   1/2   Thermal Efficiency   1/2   Thermal Efficiency   (value)   1/2   Efficiency Value   - (value)   Efficiency Value   - (value)   Efficiency Value   - (value)   Efficiency Value   - (value)   Efficiency Value   - (value)   Efficiency Value   - (value)   Efficiency Value   - (value)   - (va	n/a n/a			1
Water Heater Efficiency   Value   1/a   Efficiency Value   -[value]   Recovery Efficiency   Value   5/4   Efficiency Value   -[value]   Recovery Efficiency Value   5/4   Recovery Efficiency Value   Verlage   Donestic Hot Water Type   Storage tank   Revalue   Nr-82-f/Btu   Donestic Hot Water Type   Storage tank   Revalue   Value   In.   Revalue   Value   Storage Tank   Revalue   Value   In.   Revalue   Value   In.   Revalue   Value   In.   Revalue   Value   In.   Revalue   Value   In.   Revalue   V	n/a			
Recovery Efficiency (value)  Si Efficiency Qualifier Recovery Efficiency Value - I-val				<del> </del>
Efficiency Value   Storage Tank Insulation R-   Value   Domestic Not Water Type   Storage tank   Value				
Domestic Not Water Type  Storage Tank insulation R- Value  Value  Value  Nr-82-f/Btu  P-Value  Nr-82-f/Btu  Domestic Not Water Type  Storage tank  Flickness  Unit of Measure Domestic Not Water Type  Storage tank  Init of Measure Domestic Not Water Type  Storage tank  Storage Tank insulation  Thickness  Unit of Measure Domestic Not Water Type  Storage tank  Storage tank  Consumption Rate Pype  Rated Heat Pump Sensible Heat [value]  Rated Heat P	n/a			4
Storage Tank Insulation R-   Value	n/a			
Storage Tank Insulation [value] In. Thickness	hr-ft2-°F/Btu			
Thickness Unit of Measure Isches  Domestic Not Water Type Storage tank  Parasitic Fuel Consumption   [value] Btu/n Consumption Rate Type Parasitic Fuel  Bate Consumption Rate   - value  - value     Bated Heat Pump Sensible Heat   [value]   n/a Efficiency Date   - value  - value  - value     Ratio Efficiency Value   - value  -	n/a			
Domestic Fouel Consumption [value] Storage tank  Parasitic Fuel Consumption [value] Stury Consumption Rate Type Parasitic Fuel  Rate Rated Heat Pump Sensible Heat [value] N/a Efficiency Qualifier Rated sensible heat ratio efficiency Value] Ratio Heat Pump Sensible Heat [value] Heat Pump Sensible Heat Ratio Efficiency Value Heat Pump Sensible Heat Ratio Efficiency Value Heat Pump Sensible He	inches			4
Parasitic Fuel Consumption   [value]   Stu/h   Consumption Rate Type   Parasitic Fuel   Rate   Consumption Rate   -	n/a n/a			-
Rated Heat Pump Sensible Heat   Ivalue  n/a Efficiency Qualifier Rated sensible heat ratio   Efficiency Value   =  value	n/a			
Rated Heat Pump Sensible Heat   (value)	Btu/hr			
Indirect Tank Heating Source Heat pump HPWH Minimum Air [value] *F Setpoint Type Ory bulb control point	n/a			
HPWH Minimum Air [value] *F Setpoint Type Dry bulb control point	n/a			
Temperature	n/a n/a			
	°F.			+
Indirect Tank Heating Source Heat pump	n/a			
Off-Cycle Heat Loss Coefficient [value] Btu/hr/ft2/*F Efficiency Qualifier Off-cycle heat loss coefficient	n/a			
Efficiency Value = value     Domestic Hot Water Type   Storage tank	Btu/h-ft2-°F n/a			-
Hot Water Setpoint [value]   *F Setpoint Type Supply water temperature	n/a			
Temperature Setpoint Low =[value]	°F			
Setpoint High =[value]	°F			
Recirculation   [present]   n/a   Control Strategy   Recirculation   [not present]   n/a   (No corresponding field)	n/a			False in BuildingSync indicates the absence of a Recirculation
(No corresponding neid)				control strategy in BEDES.
Recirculation Loop Count [value] n/a Recirculation Loop Count =[value]	n/a			
Recirculation Flow Rate [value] gal/hr Setpoint Type Flow Rate Setpoint Low = (value)	n/a ft3/min	=[value]*0.002228		4
	ft3/min ft3/min	=[value]*0.002228 =[value]*0.002228		†
Control Strategy Recirculation	n/a			
Recirculation Control Type Control Strategy Recirculation	n/a			+
Continuous n/a Control Technology Always on Temperature n/a Control Technology Thermostat	n/a n/a			+
Timer n/a Control Technology Timer	n/a			
Demand n/a Control Technology Manual	n/a			+
Other         n/a         Control Technology         Other           Unknown         n/a         Control Technology         Unknown	n/a n/a			+
Recirculation Energy Loss Rate [value] MMBtu/hr Efficiency Qualifier Recirculation energy loss rate	n/a			†
Efficiency Value =[value]	MMBtu/hr			
Control Strategy Recirculation	n/a			<u> </u>
Solar Thermal System Type   [value]   n/a   (No corresponding field)	ft2			+
Area Energy Generation Technology   Solar thermal system collector	n/a			
	-			
Solar Thermal System Collector Air direct n/a Thermal Loop Configuration Direct	n/a			<del> </del>
Loop Type         Air indirect         n/a         Indirect           Liquid direct         n/a         Direct	n/a n/a			+
Liquid indirect n/a Indirect	n/a			†
Passive thermosyphon n/a Passive thermosyphon	n/a			
Other n/a Other	n/a			
Unknown   n/a   Unknown	n/a n/a			
Solar Inermal System Collector   Value   Inya   Solar Inermal System Collector   = [Value   Type   T	ıya			
Solar Thermal System Collector [value] degrees Azimuth =[value]				
Azimuth Energy Generation Technology   Solar thermal system collector	degrees	1		
Solar Thermal System Collector   [value]   degrees   Tilt Angle   =[value]	degrees n/a			
Solar Thermal System Collector   [value]   degrees   Tilt Angle   =[value]	n/a			
	n/a degrees			
Solar Thermal System Storage [value] gal Capacity Qualifier Volume	n/a			

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Volume	5.7		Capacity	=[value]	gal			
				Unit of Measure	gallons	n/a			
				Energy Generation Technology	Solar thermal system collector	n/a			
	Heating Plant ID	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
Cooking	Number of Meals	[value]	n/a	Operation Event	Meal served	n/a			mierar critical element not used in 55555
-		-		Operation Events per Year	=[value]	n/a			
	Cooking Energy per Meal	[value]	Btu	Load Category	Cooking	n/a		Divide [value] by associated Operation Events	
				Resource Value	=[value]	Btu		per Year.	
				Unit of Measure	Btu	n/a			
	Type of Cooking Equipment	[value]	n/a	Interval Frequency Cooking Appliance Type	Annual =[value]	n/a n/a			
	Daily Water Use	[value]	gal/day	Load Category	Cooking	n/a			
	,	()	8-7 - 7	Water Resource	Potable water	n/a			
				Resource Value	=[value]	gallons/day			
				Unit of Measure	gallons Daily	n/a n/a			
efrigeration	Refrigeration System Category	[value]	n/a	(No corresponding field)	Daily	N/ d			It does not appear that BEDES has a categorization for central
		,	,						refrigeration systems.
	Refrigeration Unit Type	Refrigerator	n/a	Refrigeration Type	Refrigerator	n/a			
		Freezer Combination	n/a	<del> </del>	Freezer Combination	n/a n/a			-
		Other	n/a n/a	ŧ	Other Combination	n/a n/a			-
		Unknown	n/a	<u></u>	Unknown	n/a			
	Size	[value]	ft3	Capacity Qualifier	Size	n/a	•		
				Capacity	=[value]	ft3			
	D-f-lration Enormy	[value]	w	Unit of Measure	ft3	n/a n/a			
	Refrigeration Energy	[value]	w	Load Category Capacity Qualifier	Refrigeration Connected load	n/a n/a			-
				Capacity	=[value]	W			1
				Unit of Measure	W	n/a			
	Door Configuration	Side-by-side	n/a	Door Configuration	Side-by-side	n/a			
		Top and bottom Other	n/a n/a	+	Top-and-bottom Other	n/a n/a			
		Unknown	n/a	Ť	Unknown	n/a			
	Refrigerated Case Doors	True	n/a	Cabinet Configuration	Closed case	n/a			
		False	n/a		Open case	n/a			
	Case Door Orientation Case Return Line Diameter	[value]	n/a	Case Door Orientation Refrigeration Dimensions	=[value] Refrigerant return line diameter	n/a n/a			
	Case Return Line Diameter		in.	Retrigeration Dimensions	Ketrigerant return line diameter	n/a			
				Dimension	=[value]	in.			
				Unit of Measure	inches	n/a			
	Defrosting Type	[value]	n/a	Defrosting Type	=[value]	n/a			
	Lamp Power	[value]	w	Load Category Consumption Rate Type	Refrigeration Watts per lamp	n/a n/a			
				Consumption Rate Type  Consumption Rate	=[value]	nya W			
	Anti-Sweat Heaters	[present]	n/a	Refrigeration Components	Anti sweat heater equipment	n/a			
	Anti-Sweat Heater Power	[value]	w	Refrigeration Components	Anti sweat heater equipment	n/a			
				Capacity Qualifier	Connected load	n/a			
	Anti-Sweat Heater Controls	True	n/a	Capacity Control Technology	=[value] Anti sweat heaters	n/a			
	Parti Sweat ricater Controls	False	n/a	(No corresponding field)	Anti swedt nedters	140			
	Suction Vapor Temperature	[value]	°F	Setpoint Type	Suction vapor temperature	n/a			
				Setpoint	=[value]	°F			
	Condensing Temperature	[value]	°F	Setpoint Type	Condensing temperature	n/a			
		_	,	Setpoint	=[value]	°F			
	Split Condenser	True False	n/a n/a	Refrigeration Components (No corresponding field)	Split condenser	n/a			
	Design Ambient Temperature	[value]	°F	Setpoint Type	Design ambient temperature	n/a			
				Setpoint	=[value]	°F			1
	Design Temperature Difference	[value]	°F	Setpoint Type	Design temperature difference	n/a			
				Setpoint	=[value]	°F			
	Refrigeration Compressor Type	[value]	n/a	Refrigeration Compressor Type	=[value]	n/a			
	Compressor Unloader	True	n/a	Refrigeration Components	Compressor unloader	n/a			
	compressor omouder	False	n/a	(No corresponding field)	compressor uniouder	100			
	Compressor Unloader Stages	[value]	n/a	Refrigeration Components	Compressor unloader	n/a			
				Number of Cycles	=[value]	n/a			
	Desuperheat Valve	True	n/a	Refrigeration Components	Desuperheater valve	n/a			
	Crankcase Heater	False True	n/a n/a	(No corresponding field) Refrigeration Components	Crankcase heater	n/a			
	Crankcase rieater	False	n/a	(No corresponding field)	Crankcase neater	ilya			
	Total Heat Rejection	[value]	MMBtu/hr	Load Category	Refrigeration	n/a			
				Capacity Qualifier	Waste heat	n/a			
	Net Refrigeration Capacity	[value]	MMBtu/hr	Capacity	=[value]	MMBtu/hr			
	ives neingeration capacity	[value]	iviiviBtu/III	Refrigeration Dimensions Capacity	Net refrigeration capacity =[value]	n/a MMBtu/hr			
	Number of Refrigerant Return	[value]	n/a	Refrigeration Dimensions	Number of refrigerant return	n/a			
	Lines				lines				
	Evaporator Pressure	True	n/a	Quantity  Refrigeration Components	=[value] Evaporator pressure regulators	n/a n/a			
	Regulators	iiue	ily a	Refrigeration Components	Evaporator pressure regulators	iy d			
		False	n/a	(No corresponding field)					
	Refrigerant Subcooler	True	n/a	Refrigeration Components	Refrigerant subcooler	n/a			
		False	n/a	(No corresponding field)			<u> </u>		
shwasher	Dishwasher Machine Type Dishwasher Configuration	[value] [value]	n/a	Dishwasher Machine Type Dishwasher Configuration	=[value] =[value]	n/a n/a			
	Dishwasher Classification	[value]	n/a n/a	Load Category	=[value] Dishwasher	n/a n/a			
				Sector Classification	=[value]	n/a			
	Dishwasher Loads Per Week	[value]	loads/wk	Load Category	Dishwasher	n/a	-		
				Quantity	=[value]	loads/wk			
	Dishwasher Energy Factor	[value]	cycles/kWh	Unit of Measure	loads/week Dishwasher	n/a n/a			
	Dishwasher Energy Factor	[vaide]	Cycles/ KVVII	Load Category Efficiency Qualifier	Energy Factor	n/a n/a			
				Efficiency Value	=[value]	cycles/kWh			
	l	I	1	Unit Of Measure	cycles/kWh	n/a	·		1
	Dishwasher Hot Water Use	[value]	gal/cycle	Load Category	Dishwasher	n/a			Assumes the dishwasher uses only hot water. BEDES does not

BuildingSync	:		BuildingSync						
Table Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term Consumption Rate Type	Value Mapping Water cycle draw	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes a separate hot water consumption term.
				Consumption Rate	=[value]	gal/cycle			
Laundry	Washer Dryer Type	[value]	n/a	Laundry Appliance Type	=[value]	n/a			
	Laundry Type	Washer	n/a	Laundry Appliance Type	Clothes washer	n/a n/a			
		Dryer Combination	n/a n/a		Clothes dryer (No corresponding field)	n/a			BEDES does not have a general Combination category, but the
									details are mapped through the BuildlingSync Washer Dryer Type term.
		Other	n/a		Other	n/a			
	Quantity of Laundry	Unknown [value]	n/a lb/yr	Quantity	Unknown =[value]	n/a lb/yr			
	Quantity of Edulary	[value]	10/ 41	Load Category	Laundry	n/a			
				Interval Frequency	Annual	n/a			
				Unit of Measure	lbs	n/a			
	Laundry Equipment Usage	[value]	loads/wk	Operation Event Operation Events per Year	Laundry loads =[value]	n/a loads/yr	=integer([value]*52.143)		
	Clothes Washer Classification	[value]	n/a	Load Category	Laundry	n/a	=integer([value]:52.143)		
				Sector Classification	=[value]	n/a			
	Clothes Washer Loader Type	[value]	n/a	Laundry Appliance Type	Clothes washer	n/a			
				Laundry Configuration	=[value]	n/a			
	Clothes Washer Modified	[value]	ft3/kWh/cycle	Clothes Washer Modified	=[value]	ft3/kWh/cycle			
	Energy Factor Clothes Washer Water Factor	[value]	gal/cycle/ft3	Energy Factor Laundry Appliance Type	Clothes washer	n/a			
	Ciotics Wasier Water ractor	[value]	gaycyacris	Efficiency Qualifier	Water Factor	n/a			
				Efficiency Value	=[value]	gal/cycle/ft3			
	Clothes Washer Capacity	[value]	ft3	Laundry Appliance Type	Clothes washer	n/a			
				Capacity Qualifier	Volume	n/a			
				Capacity	=[value] fr3	ft3			
	Dryer Classification	[value]	n/a	Unit of Measure		n/a		<del> </del>	
	oryer crassmeduon	[vaide]		Laundry Appliance Type Sector Classification	Clothes dryer =[value]	n/a n/a			
	Dryer Electric Energy Use Per	[value]	kWh/load	Laundry Appliance Type	Clothes dryer	n/a			
	Load			Consumption Rate Type	Energy cycle draw	n/a			
				Consumption Rate	=[value]	kWh/load			
	David Car Farmer Has Bard and	freshoot .	Btu/load	Unit of Measure	kWh Clothes dryer	n/a n/a			
	Dryer Gas Energy Use Per Load	(value)	Btu/ioad	Laundry Appliance Type Consumption Rate Type		, ,			
				Consumption Rate Type  Consumption Rate	Energy cycle draw =[value]	n/a Btu/load			
				Unit of Measure	=[value] Btu	n/a			
Pump	Pump Efficiency	[value]	%	Process Load Type	Pump	n/a			
		,		Efficiency Qualifier	Efficiency	n/a			
				Efficiency Value	=[value]	n/a			
	Pump Maximum Flow Rate	[value]	gpm	Process Load Type	Pump Flow Rate	n/a			These aren't really setpoints, they are limitations of the pump. But this appears to be the only way to map the data.
				Setpoint Type Setpoint High	=[value]	n/a ft3/min	=[value]*0.133681		this appears to be the only way to map the data.
	Pump Minimum Flow Rate	[value]	gpm	Process Load Type	Pump	n/a	(10.00)		These aren't really setpoints, they are limitations of the pump. But
				Setpoint Type	Flow Rate	n/a			this appears to be the only way to map the data.
	Pump Installed Flow Rate [value	freshoot .		Setpoint Low	=[value]	ft3/min	=[value]*0.133681		
	Pump Installed Flow Rate [v	[value]		Process Load Type Setpoint Type	Pump Flow Rate	n/a n/a			
				Setpoint Setting Condition	Normal	n/a			
				Setpoint	=[value]		=[value]*0.133681		
	Pump Power Demand	[value]	kW	Process Load Type Consumption Rate Type	Pump Rated power	n/a n/a			
				Consumption Rate	=[value]	kW			
				Unit of Measure	kW	n/a			
	Pump Control Type			Process Load Type	Pump	n/a			
		Constant Volume Variable Volume	n/a n/a	Control Strategy	Average flow Variable flow	n/a n/a			
		VFD Volume	n/a		Variable flow	n/a			
		Multi-Speed	n/a		Multi level	n/a			
		Other	n/a		Other	n/a			
	Pump Operation	Unknown [value]	n/a n/a	Process Load Type	Unknown Pump	n/a n/a			
	Pump Operation	[value]	n/a	Operational Mode	=[value]	n/a n/a			
	Pumping Configuration	[value]	n/a	Process Load Type	Pump	n/a			
				Priority	=[value]	n/a	-		
Fan	Pump Application	[value]	n/a	Pump Application	=[value] Fan	n/a n/a			
rail	Fan Efficiency	[vaide]	/**	Efficiency Qualifier Efficiency Value	Fan =[value]	nVd %		1	
	Fan Size	[value]	cfm	Size	=[value]	ft3/min			
	Installed Flow Rate	[value]	cfm	Installed Flow Rate	=[value]	ft3/min			
	Minimum Flow Rate	[value]	cfm	Minimum Flow Rate	=[value]	ft3/min		1	
	Maximum Fan Power Fan Power Minimum Ratio	[value] [value]	n/a	Maximum Fan Power Fan Power Minimum Ratio	=[value] =[value]	W n/a		<del> </del>	
	Fan Type	[value]	n/a	Fan Type	=[value]	n/a			
	Fan Application	[value]	n/a	Fan Application	=[value]	n/a			
	Flow Control Type	[value]	n/a	Flow Control Type	=[value]	n/a	· · · · · · · · · · · · · · · · · · ·		
	Fan Placement Motor Location Relative to Air	[value]	n/a	Fan Placement Motor Location Relative to Air	=[value] Within air stream	n/a n/a			
	Stream	True False	n/a n/a	Stream	Not within air stream	n/a n/a		1	
	Design Static Pressure	[value]	Pa	Design Static Pressure	=[value]	Pa			
	Number of Discrete Fan Speeds	[value]	n/a	HVAC Systems Controlled	Cooling	n/a			
	- Cooling			Number of Discrete Fan Speeds	=[value]	n/a			
	Number of Discrete Fan Speeds	[value]	n/a	HVAC Systems Controlled	Heating	n/a		<del> </del>	
	- Heating	(		Number of Discrete Fan Speeds	=[value]	n/a		<del> </del>	
				oci oi oiscrete raii speeds	(wc)	-90			
	Belt Type	[value]	n/a	Belt Type	=[value]	n/a			
	Linked System ID	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Motor RPM	[value]	rpm	Motor Characteristic  Motor Characteristic Value	RPM =[value]	n/a rpm			
Motor	1	[value]	hp	Motor Characteristic Value  Motor Characteristic	Brake horsepower	n/a		1	
widtor	Motor Brake HP								
INIOTOF	Motor Brake HP			Motor Characteristic Value	=[value]	hp			
witter	Motor Brake HP  Motor HP	[value]	hp						

Mathematics   Mathematics	BuildingSync			BuildingSync						
Search Service   Search Search Service   Search Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service   Search Service	Table Name		BuildingSync Value	Units		Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
No.   No.		Motor Efficiency	[value]	%			n/a «			
Part		Drive Efficiency	[value]	%	Efficiency Qualifier	Drive	n/a			
Marie   Mari		5-411	fundam)		Efficiency Value	=[value]	%			
Met Par Casts   World   World   Wile Control   World		Full Load Amps	[value]	amps	Motor Characteristic Value	=[value]	n/a amps			
Marie   Mari		Motor Pole Count	[value]	n/a	Motor Characteristic	Pole count	n/a			
March   Marc		Motor Enclosure Type	[value]	n/a					Convert integer to decimal	
### 1985		Motor Application	[value]		(No corresponding field)					Hierarchical element not used in BEDES
May Description   May	Heat Recovery	Heat Recovery Efficiency	[value]	%			n/a o/			
Part Notice   Section		Energy Recovery Efficiency	[value]	%			n/a			
Month State Section 1   Mont				,			%			
March Charles   March   Marc		System ID Receiving Heat	[value]		(No corresponding field)	=[value]	n/a			Hierarchical element not used in BEDES
Marie Part   Mar		System ID Providing Heat	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
Part   Part	Wall	Exterior Wall Construction	[value]	n/a						
March   Marc		Exterior Wall Finish	[value]	n/a						
Gent Will Copy										
Martine Control   Martine   Martin		Exterior Wall Color	[value]	n/a	Opaque Surface	Wall	n/a			
## PATECON PAPER NOTE   MAIN					Location	Exterior				
March March March March   Ma		Wall Insulation Application	[value]	n/a		=[value] Wall	n/a n/a			
March   Control   Contro					Insulation Application					
Visit Frame Merical   Visit		Wall Insulation Material	[value]	n/a						
March Control   March Contro					Material	=[value]				
Moderal Control   Modera		Wall Framing Material	[value]	n/a	Opaque Surface					
Web Equations Processed   Solicide   Fine   Solicide   Fine   Solicide   Fine   Solicide   Fine   Solicide   Fin	1			<u> </u>	Material	=[value]	n/a			
Microsoft Commons   World   Visit Commons   World   Visit Controlled		Wall Insulation Thickness	[value]	in.	Opaque Surface	Wall				
Material contents   Material					Material Qualitier Thickness	Insulation =[value]	n/a ft	=[value]/12		
Mail mulation Cordinal   Waster   Was					Unit of Measure	inches		1.00000		
West   West		Wall Insulation Continuity	[value]	n/a						
Vertical transfer Location   Verball   Value		Wall Insulation Condition	[value]	n/a	Opaque Surface	Wall	n/a			
Wall subton control   Charles   Wall   Wal					Material Qualifier	Insulation	n/a			
Marchi Gualifies   No.		Wall Insulation Location	[value]	n/a	Opaque Surface	Wall	n/a			
Visit Framering Sporting   Visit Framering Sporting   Visit Framering Sporting Spo					Material Qualifier		n/a			
Main Francis Depth   Celular   Cel		Wall Framing Spacing	[value]	in						
Wolf Family Dipubly   Color			()			Framing				
Material Confidence   Pransing   1/2		Wall Framing Denth	[value]	in			ft n/a	=[value]/12		
Despt.   County   C		wali Frailing Depth	[value]			Framing				
Control   Cont		Well Fermion Feature	(color)	~	Depth		ft - /-	=[value]/12		
CALU TIES		Wall Framing Factor	[value]	76	Framing Factor		n/a %			
Absorptance   Cactorion   Ca				n/a	(No corresponding field)		,			
Solar Absorptance   Clubber   S			[value]	%						
Absorptance   Value		·			Solar Absorptance	=[value]	%			
Thermal Absorptance   Value   No   No   No   No   No   No   No   N			[value]	%						
Section   Visible Absorptance   Visible   Section   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible Absorptance   Visible   No.		Absorptance			Thermal Absorptance	=[value]	n/a %			
Visible Absorpance   Visible   No.   Visible Absorpance   Visible   No.   Vi		Interior Visible Absorptance	[value]	%	Opaque Surface	Wall				
Tightness   Country of Exerien' Water   Country of Exerien'							n/a «			
Intrusion Damage		Tightness	[value]	n/a			n/a			
Location of Interior Water   Invalue   Inval			[value]	n/a						
Intrusion Damage	1		[value]	n/a	(No corresponding field)	+			1	1
Wall U Factor   Value    Stu/hr 12-F   Opaque Surface   Wall   N/a		Intrusion Damage								
Wall United   Walle   Stuffn 12-F   Opaque Surface   Wall   Infa   Wall Insulation R Value   Wall   Infa   Wall Insulation R Value   Walle   Infa   Wall Insulation R Value   Infa   Wall Insulation R Value   Infa   Exterior Roughness   Value   Infa   Exterior Roughness   Value   Infa   R-Value   Infa		waii R Value	[value]	nr-tt2-F/Btu	Opaque Surtace R Value	wail =[value]				+
Wall insulation R Value		Wall U Factor	[value]	Btu/hr-ft2-°F	Opaque Surface	Wall	n/a			
Material Qualifier   Insulation   Inf2   Insulation   Inf2   Insulation   Inf2   Insulation   Inf2   Insulation   Inf2		Wall Insulation P Value	[value]	hr_ft2_F/P+	U Factor					
Exterior Roughness   Value	1	vvon moulation R Value	[voide]	1(2-1/ DLU			n/a			
Location   Exterior   Infa   Air infiltration Value   Value    Infa   Air infiltration Value		Francisco Describe	frankrat	-/-						
Air Infilitation Value   (value   1/2		Exterior Roughness	[value]	nya						
Air infilitation Value Units (value) 1/a Air infilitation Value Units (value) 1/a Air infilitation Value Units (value) 1/a Air infilitation Value Units (value) 1/a Air infilitation Value Value) 1/a Air infilitation Value V					Surface Roughness	=[value]	n/a			
Air Infilitation Test   Value    vialue    v	1	Air Infiltration Value			Air Infiltration Value	=[value] =[value]				
Roof Construction   Value   Value   Value   Value   Roof   Value   V		Air Infiltration Test	[value]	n/a	Air Infiltration Test	=[value]	n/a			
Special Roof Classification   Value	Roof		[value]	n/a		Roof		-		
Construction Method   s value    n/a	1	Special Roof Classification	[value]	n/a	Opaque Surface	Roof			1	1
Location   Exterior   n/a			-		Construction Method	=[value]	n/a			
Roof Color   Value	1	ROOF HINIST	[value]	nya	Upaque Surrace Location	ROUT Exterior	n/a		1	+
Roof Color   Value	1				Finish	=[value]	n/a			
Color   - value     1/a	1	Roof Color	[value]	n/a	Opaque Surface	Roof	n/a		+	
Deck Type										
Material   -  God   Fivalue    1/2	1	Deck Type	[value]	n/a				-		
Roof insulation Application         (value)         n/a         Opaque Surface         Roof         n/a           Roof insulation Material         (value)         n/a         Opaque Surface         Roof         n/a           Roof insulation Material         (value)         n/a         Opaque Surface         Roof         n/a	1									+
		Roof Insulation Application	[value]	n/a	Opaque Surface	Roof	n/a			
			[value]		Insulation Application	=[value]				
Indicate Country II/4	1	mountion Waterial	[voide]	. y a	Material Qualifier	Insulation	n/a n/a			

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Roof Insulation Thickness	[value]	in	Material Opaque Surface	=[value] Roof	n/a n/a			
	ROOT INSUIATION THICKNESS	[value]	in.	Material Qualifier	Insulation	n/a			
				Thickness	=[value]	ft	=[value]/12		
	Roof Insulation Continuity	[value]	n/a	Opaque Surface	Roof	n/a			
	Roof Insulation Condition	[value]	n/a	Insulation Continuity Opaque Surface	=[value] Roof	n/a n/a			
				Material Qualifier	Insulation	n/a			
	Dard Francisco Material	funtural .	n/a	Condition	=[value] Roof	n/a			
	Roof Framing Material	[value]	n/a	Opaque Surface Material Qualifier	Framing	n/a n/a			
				Material	=[value]	n/a			
	Roof Framing Spacing	[value]	in.	Opaque Surface	Roof	n/a			
				Material Qualifier Spacing	Framing =[value]	n/a ft	=[value]/12		
	Roof Framing Depth	[value]	in.	Opaque Surface	Roof	n/a	=[Value]/12		
				Material Qualifier	Framing	n/a			
				Depth	=[value]	ft	=[value]/12		
	Roof Framing Factor	[value]	76	Opaque Surface Framing Factor	=[value]	n/a %			
	Roof Exterior Solar	[value]	%	Opaque Surface	Roof	n/a			
	Absorptance			Location	Exterior	n/a			
	Roof Exterior Thermal	[value]	~	Solar Absorptance Opaque Surface	=[value] Roof	% n/a			
	Absorptance	[value]	76	Location	Exterior	n/a			
	Absol plance			Thermal Absorptance	=[value]	%			
	Roof Slope	[value]	%	Opaque Surface	Roof	n/a			
	Padiant Parrier		1	Tilt Description	=[value]	%			
	Radiant Barrier	True	n/a	Opaque Surface Radiant Barrier	Roof Foil backed material	n/a n/a			
		False	n/a		No radiant barrier	n/a			
	Roof R Value	[value]	hr-ft2-F/Btu	Opaque Surface	Roof	n/a			
	Roof U Factor	[value]	Btu/hr-ft2-°F	R-Value	=[value]	hr-ft2-F/Btu			
		1		Opaque Surface U Factor	Roof =[value]	n/a Btu/hr-ft2-°F			
	Roof Insulation R Value	[value]	hr-ft2-F/Btu	Opaque Surface	Roof	n/a			
				Material Qualifier	Insulation	n/a			
Ceiling	Ceiling Construction	[value]	n/a	R-Value Opaque Surface	=[value] Ceiling	hr-ft2-F/Btu n/a			
Lening	Ceiling Construction	[value]	nya	Construction Method	=[value]	n/a			
	Ceiling Finish	[value]	n/a	Opaque Surface	Ceiling	n/a			
				Location	Interior	n/a			
	Ceiling Color	[value]	n/a	Finish Opaque Surface	=[value] Ceiling	n/a n/a			
	centility color	(value)	.,,,	Location	Interior	n/a			
				Color	=[value]	n/a			
	Ceiling Insulation Application	[value]	n/a	Opaque Surface Insulation Application	Ceiling =[value]	n/a n/a			
	Ceiling Insulation Material	[value]	n/a	Opaque Surface	Celling	n/a			
				Material Qualifier	Insulation	n/a			
				Material	=[value]	n/a			
	Ceiling Insulation Thickness	[value]	in.	Opaque Surface Material Qualifier	Ceiling Insulation	n/a n/a			
				Thickness	=[value]	ft	=[value]/12		
	Ceiling Insulation Continuity	[value]	n/a	Opaque Surface	Ceiling	n/a			
	Ceiling Insulation Condition	[value]	n/a	Insulation Continuity	=[value] Ceiling	n/a			
	Centing insulation condition	[value]	ilya	Opaque Surface Material Qualifier	Insulation	n/a n/a			
				Condition	=[value]	n/a			
	Ceiling Framing Material	[value]	n/a	Opaque Surface	Celling	n/a			
				Material Qualifier Material	Framing =[value]	n/a n/a			
	Ceiling Framing Spacing	[value]	in.	Opaque Surface	Celling	n/a			
				Material Qualifier	Framing	n/a	-		
	Coiling Framing Darath	[value]	in	Spacing	=[value] Ceiling	ft n/a	=[value]/12		
	Ceiling Framing Depth	[vaide]	lue.	Opaque Surface Material Qualifier	Ceiling Framing	n/a n/a			
				Depth	=[value]	ft	=[value]/12		
	Ceiling Framing Factor	[value]	%	Opaque Surface	Celling	n/a			
	Ceiling Visible Absorptance	[value]	%	Framing Factor Opaque Surface	=[value] Ceiling	% n/a			
	and Arabic Absorptance		[-	Location	Interior	n/a			
				Visible Absorptance	=[value]	%			
	Ceiling R Value	[value]	hr-ft2-F/Btu	Opaque Surface	Ceiling	n/a			
	Ceiling U Factor	[value]	Btu/hr-ft2-°F	R Value Opaque Surface	=[value] Celling	hr-ft2-F/Btu n/a			
		/		U Factor	=[value]	Btu/hr-ft2-°F			
Fenestration	Fenestration Type	[value]	n/a	Fenestration	=[value]	n/a			
	Glass Type Fenestration Operation	[value]	n/a	Fenestration Glazing Type Fenestration Operation	=[value] Operable	n/a			
	renestration Operation	True False	n/a n/a	renestration Operation	Non-operable	n/a n/a			
	Fenestration Gas Fill	Argon	n/a	Fenestration Gas Fill	Argon	n/a			
		Krypton	n/a		Krypton	n/a			
		Other Insulating Gas Air	n/a n/a	1	Other Air	n/a n/a			
		Other	n/a		Other	n/a			
		Unknown	n/a		Unknown	n/a			
	Fenestration Glass Layers	[value]	n/a	Fenestration Glass Layer	=[value]	n/a			
	Visible Transmittance	[value]	%	Description Opaque Surface Component Visible Transmittance	Fenestration =[value]	n/a %			
	Fenestration Frame Material	[value]	n/a	Fenestration Frame Material	=[value]	n/a			
	Fenestration R Value	[value]	hr-ft2-F/Btu	Opaque Surface Component	Fenestration	n/a			
			n. a. n	R Value	=[value]	hr-ft2-F/Btu			
	Fenestration U Factor	[value]	Btu/hr-ft2-°F	Opaque Surface Component U Factor	Fenestration - Fundament	n/a			
		1	1	U ractor	=[value]	Btu/hr-ft2.°F			
	Solar Heat Gain Coefficient	[value]	%	Solar Heat Gain Coefficient	=[value]	%			

uildingSync Table Name	: BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term Cardinal Orientation	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Window Layout	[value]	n/a	Fenestration Layout	=[value] =[value]	n/a n/a			
	Exterior Shading Type	[value]	n/a	Location		n/a			
				Shading System	=[value]	n/a			
	Overhang Height above	[value]	ft	Shading System	Overhang	n/a			BEDES does not have qualifiers that identify this term as offset
	Window Overhang Projection	[value]	6	Offset Shading System	=[value] Overhang	ft n/a			relative to the window.
	Overnang Projection	[value]		Depth	=[value]	ft			
	Vertical Fin Depth	[value]	ft	Shading System	Fin	n/a			
			<del></del>	Depth	=[value]	ft			
	Distance Between Vertical Fins	[value]	rt	Shading System		n/a ft			
	Vertical Edge Fin Only	[value]	n/a	Spacing (No corresponding field)	=[value]	π			
	Light Shelves	[presence]	n/a	Shading System	Light shelf	n/a			
	Light Shelf Distance from Top	[value]	ft	Shading System		n/a			
			<del></del>	Offset	=[value]	ft			
	Light Shelf Exterior Protrusion	[value]	rt	Shading System Location	Light shelf Exterior	n/a n/a			
				Depth	=[value]	ft			
	Light Shelf Interior Protrusion	[value]	ft	Shading System	Light shelf	n/a			
				Location	Interior	n/a			
			<del>_</del>	Depth	=[value]	ft			
	Interior Shading Type	[value]	n/a	Location Shading System	Interior =[value]	n/a n/a			
	Window Sill Height	[value]	ft	Fenestration	Window	n/a			
	-			Sill Height	=[value]	ft			
	Window Height	[value]	ft	Fenestration		n/a			
	Window Width	[value]	6	Height Enportration	=[value]	ft n/a			
	willow width	[vaide]		Fenestration Width	Window =[value]	nya ft			
	Window Horizontal Spacing	[value]	ft	Fenestration	Window	n/a			
				Spacing	=[value]	ft			
	Weatherstripped	True	n/a	Weatherstrip Status	Weatherstripped	n/a			
	Skylight Layout	False [value]	n/a n/a	(No corresponding field)	Not weatherstripped	n/a			
	Skylight Pitch	[value]	ft/ft	Fenestration	Skylight	n/a			
				Tilt Angle	=[value]	degrees	=atan[value]*57.296		
	Skylight Window Treatments	[value]	n/a	Fenestration	Skylight	n/a			
			<del>_</del>	Shading System	=[value]	n/a			
	Skylight Solar tube	True False	n/a n/a	Fenestration (No corresponding field)	Tubular skylight	n/a			
	Exterior Door Type	[value]	n/a	Door Construction	=[value]	n/a			
	Vestibule	[value]	n/a	(No corresponding field)					
	Door Operation  Door Glazed Area Fraction	[value]	n/a	(No corresponding field)					
	Door Glazed Area Fraction	[value]	76	Fenestration Percent Glazing	Door =[value]	n/a %			
	Tightness Fit Condition	[value]	n/a	(No corresponding field)	-[value]	70			
undation	Ground Coupling	Slab on grade	n/a	Foundation Ground Coupling	Slab	n/a			
		Crawlspace	n/a		Crawlspace	n/a			
		Basement	n/a		Basement	n/a			
		Other Unknown	n/a n/a		Other Unknown	n/a n/a			
	Slab Area	[value]	ft2	Foundation Ground Coupling		n/a			
		,		Area	=[value]	ft2			
	Slab Insulation Orientation	[value]	n/a	(No corresponding field)					
	Slab Perimeter	[value]	rt	Foundation Ground Coupling Perimeter	Slab =[value]	n/a			
	Slab Exposed Perimeter	[value]	ft	Foundation Ground Coupling	Slab	n/a			
			-	Location	Above grade				
						n/a			
	Slab Insulation Thickness			Perimeter	=[value]	ft			
		[value]	in.	Perimeter Foundation Ground Coupling	=[value] Slab	ft n/a			
		[value]	in.	Perimeter Foundation Ground Coupling Material Qualifier	=[value] Slab Insulation	ft	=[value]/12		
	Slab Insulation Condition	[value]	in.	Perimeter Foundation Ground Coupling Material Qualifier Thickness	=[value] Slab Insulation =[value]	ft n/a n/a	=[value]/12		
	Slab Insulation Condition			Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier	=[value] Slab Insulation =[value] Slab Insulation	ft n/a n/a ft n/a n/a n/a	=[value]/12		
		[value]	,	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition	=[value] Slab Insulation =[value] Slab Insulation =[value]	ft n/a n/a ft n/a n/a n/a n/a n/a n/a	=[value]/12		
	Slab Insulation Condition  Slab Heating			Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling	=[value] Slab Insulation =[value] Slab Insulation -[value] Slab Slab Slab	ft n/a n/a ft n/a n/a ft n/a n/a n/a n/a n/a	=[value]/12		
		[value]	,	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Condition Foundation Ground Coupling Condition Ground Coupling Foundation Ground Coupling Foundation Ground Coupling	=[value] Slab Insulation =[value] Slab Insulation =[value] Slab Insulation =[value] Slab =[value] Crawispace	ft n/a n/a ft n/a n/a ft n/a n/a n/a n/a n/a n/a n/a	=(value)/12		
	Slab Heating Crawlspace Venting	[value]	n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Material Qualifier Condition Found Coupling Conditioning Status Foundation Ground Coupling Conditioning Status	=[value] Slab Insulation =[value] Slab Insulation =[value] Slab Insulation =[value] Slab =[value] Crawlspace =[value]	ft n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	= value /12		
	Slab Heating	[value]	n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status	= value  Slab   Insulation   = value  Slab   Insulation   = value  Slab   = value  Slab   = value  Crawispace = value  Basement	ft n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=lvaluel/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value]	n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Condition Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status	= value  Slab   Insulation   = value    Slab   Insulation   = value    Slab   Insulation   = value    Slab   = value    Crawispace   = value    Basement   = value	ft n/a n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=[value]/3.2		
	Slab Heating Crawlspace Venting	[value]	n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status	= [value] Stab Insulation = [value] Stab Insulation = [value] Stab Insulation = [value] Stab = [value] Crawispace = [value] Basement = [value] Floor	ft n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=lvaluel/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value]  Carpet Tile	n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	-[value] Sab Insulation -[value] Sab Insulation -[value] Sab Insulation -[value] Sab -[value] Sab -[value] Sab -[value] Floring -[value] Constitution -[value] Theore Carpet Tile	ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=[value]/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value]  Carpet Tile Hardwood	n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	-Industry Shab Insulation -Industry Shab Insulation -Industry Shab Insulation -Industry -Industr	ft n/a n/a n/a ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=lvaluel/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value]  Carpet Tile	n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	-Industry Sub Insulation -Industry Sub Insulation -Industry Sub Insulation -Industry -	ft n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	=[value]/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value] [value]  Carpet Tile Hardwood Vinyl Linoleum	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	[value] Sab Insulation[value] Sab Insulation[value] Sab Insulation[value] Sab[value][value] Basement[value] Basement[value] Wood Tile Wood Linoleum Linoleum Linoleum	ft rt/a rt/a rt/a rt/a rt/a rt/a rt/a rt/	=[value]/32		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value] [value]  Carpet Tite Hardwood Vinyl Linoleum Other	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	-thakele) Shab Insulation -forkiele Shab Insulation -forkiele Shab Insulation -forkiele Shab -forkiele Shab -forkiele Shab -forkiele Shab -forkiele -forkiel	ft N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3	=[value]/12		
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering	[value] [value] [value] [value] [value]  Carpet Tile Hardwood Vinyl Linoleum Other Unknown	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Forund Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Forund Coupling Conditioning Status Opaque Surface Finish	[value] Sab Insulation[value] Sab Insulation[value] Sab Insulation[value] Sab[value] Sab[value] Sab[value] Sab[value] Sassement[value] Wood Tile Wood Uniform Uniform Uniform	ft   ft   ft   ft   ft   ft   ft   ft	=[value]/12		
	Slab Heating  Crawlspace Venting  Basement Conditioning	[value] [value] [value] [value] [value]  Carpet Tite Hardwood Vinyl Linoleum Other	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Material Qualifier Condition Toundation Ground Coupling Conditioning Status Toundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Opaque Surface Finish	Industry Shab InstitutionIndustry Shab InstitutionIndustry Shab InstitutionIndustryIn	ft N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3 N/3	=[value]/12		
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering  Plumbing Penetration Sealing Floor Construction Type	[value] [value] [value] [value] [value] [value]  Carpet Tile Hardwood Vitri  Lindeium Other Unknown [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Ground Coupling Material Qualifier Condition Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Foundation Ground Coupling Foundation Ground Coupling Foundation Ground Coupling Foundation Foun	Industry Shab InstitutionIndustry Shab InstitutionIndustry Shab InstitutionIndustryIn	tt	=lvaluel/12		
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering Plumbing Penetration Sealing	[value] [value] [value] [value] [value] [value]  Carpet Tile Hardwood Vinyl Linoleum Other Unknown [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Opaque Surface Finish  Plumbing Penetration Sealing Opaque Surface Construction Method Opaque Surface Construction Method Opaque Surface Construction Method Opaque Surface	-chakel Sab Insulation -chakel Sab Insulation -chakel Sab Insulation -chakel Sab -chakel Sab -chakel Sab -chakel Sab -chakel Sab -chakel Corawispace -chakel Bassement -chakel Bassement -chakel Busher Bushe	tt	=[value]/12		
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering  Plumbing Penetration Sealing Floor Construction Type	[value] [value] [value] [value] [value] [value]  Carpet Tile Hardwood Vitri  Lindeium Other Unknown [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Foundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Ground Coupling Material Qualifier Condition Ground Coupling Conditioning Status Conditioning Status Foundation Ground Coupling Conditioning Status Conditioning Status Openeds Surface Princh Plumbing Penetration Sealing Opaque Surface Construction Method Opaque Surface Construction Method Opaque Surface Construction Method Opaque Surface	-trabale) Shab Insulation -t-chalen Shab Insulation -t-chalen Shab Insulation -t-trabel -t-chalen Shab Insulation -t-trabel -t-chalen Shab -t-trabel -t-chalen -t-chal	ft h/s h/s h/s h/s h/s h/s h/s h/s h/s h/s			
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering Floor Covering Floor Construction Type Floor Insulation Thickness	[value] [value] [value] [value]  Carpet Tile Hardwood Vinyl  Linoleum Other [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Foundation Ground Coupling Material Qualifier Toundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Opaque Surface Finish  Plumbing Penetration Sealing Opaque Surface Construction Method Opaque Surface Material Qualifier Thickness	[value] Sab Insulation[value] Sab Insulation[value] Sab Insulation[value] Sab[value] Sab[value] Sab[value] Sab[value] Sasement[value] Massement[value] Massement[value] Mod[value] Mod[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value] Fasor[value]	tr	=[value]/12		
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering  Plumbing Penetration Sealing Floor Construction Type	[value] [value] [value] [value] [value] [value]  Carpet Tile Hardwood Vitri  Lindeium Other Unknown [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Toundation Forund Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Condition Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation F	-chakel Shab Insulation -chakel Shab Insulation -chakel Shab Insulation -chakel Shab Insulation -chakel Shab Insulation -chakel -chakel Shab -chakel Insulation -chakel Insulation -chakel Insulation -chakel Insulation -chakel Insulation -chakel Insulation Insulation	tr			
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering  Flumbing Penetration Sealing Floor Construction Type Floor Insulation Thickness Floor Insulation Condition	[value] [value] [value] [value] [value] [value]  Carpet Tile Hardwood Vinyl Undesum Other Unknown [value] [value]	\(\sigma \) \(\sig	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Ground Coupling Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Condition Condition Material Qualifier Thickness Condition Material Qualifier Thickness Condition Cond	-thabel Shab Insulation -thabel Shab Insulation -thabel Shab Insulation -thabel Shab Insulation -thabel -thabel Shab Insulation -thabel	th			
	Slab Heating Crawlspace Venting Basement Conditioning Floor Covering Floor Covering Floor Construction Type Floor Insulation Thickness	[value] [value] [value] [value]  Carpet Tile Hardwood Vinyl  Linoleum Other [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Gr	Irokabel Sabb InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Insulation Insulati	tt  \( \text{Id} \)  \(			
	Slab Heating Crawlepace Venting Basement Conditioning Floor Covering  Plumbing Penetration Sealing Floor Construction Type Floor Insulation Thickness Floor Insulation Condition	[value] [value] [value] [value] [value] [value]  Carpet Title Hardwood Vinty  Linciaum Other (value) [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Conditioning Status Conditioning Status Conditioning Status Opeaue Surface Principles Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Conditioning Status Condition	-trabale) Shab Insulation -t-chalee) Shab Insulation -t-chalee) Shab Insulation -t-chalee) Shab Insulation -t-chalee) Shab Insulation -t-chalee) Shab -t-chalee) Shab -t-chalee) Shab -t-chalee) Shab -t-chalee) Those Corner University University University University University Those	th had had had had had had had had had ha			
	Slab Heating Crawlepace Verting Basement Conditioning Floor Covering  Plumbing Penetration Sealing, Floor Construction Type Floor Insulation Thickness Floor Insulation Condition Floor R Value Floor U Factor	[value] [value] [value] [value] [value] [value]  Carpet Title Hardwood Vinyl  Linoleum Other (uniscom [value] (value]  (value]  (value)	7/a 7/a 7/a 7/a 7/a 7/a 7/a 7/a 7/a 7/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Material Qualifier Condition Material Qualifier Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Ground Coupling Conditioning Status Foundation Gr	Irokabel Sabb InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Sab InsulationIrokabel Insulation Insulati	tt  \( \text{Id} \)  \(			
	Slab Heating Crawlepace Venting Basement Conditioning Floor Covering  Plumbing Penetration Sealing Floor Construction Type Floor Insulation Thickness Floor Insulation Condition	[value] [value] [value] [value] [value] [value]  Carpet Title Hardwood Vinty  Linciaum Other (value) [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Perimeter Foundation Ground Coupling Material Qualifier Thickness Foundation Ground Coupling Material Qualifier Material Qualifier Condition Ground Coupling Material Qualifier Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Condition Ground Coupling Conditioning Statistics Foundation Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Statistics Ground Coupling Conditioning Con	Irobate) Sab InsulationIrobate Sab InsulationIrobate Sab InsulationIrobate Sab InsulationIrobate Sab InsulationIrobate InsulationIrobate Insulation Insulati	ft   ht   ht   ht   ht   ht   ht   ht			

BuildingSync			BuildingSync						
Table Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Floor Framing Depth	[value]	in.	Opaque Surface Material Qualifier	Floor	n/a n/a			
				Depth	=[value]	ft	=[value]/12		
	Floor Framing Factor	[value]	%	Opaque Surface	Floor	n/a			
	Foundation Wall Construction	[value]	n/a	Framing Factor Opaque Surface	=[value] Foundation wall	% n/a			
			1,70	Construction Method	=[value]	n/a			
	Foundation Height Above	[value]	ft	Location	Above grade	n/a			
	Grade Foundation Wall Insulation	[value]	in	Foundation Height Opaque Surface	=[value] Foundation wall	n/a			
	Thickness	()		Material Qualifier	Insulation	n/a			
				Thickness	=[value]	ft	=[value]/12		
	Foundation Wall R Value	[value]	hr-ft2-F/Btu	Opaque Surface R Value	Foundation wall =[value]	n/a hr-ft2-F/Btu			
	Foundation Wall U Factor	[value]	Btu/hr-ft2-°F	Opaque Surface	Foundation wall	n/a			
				U Factor	=[value]	Btu/hr-ft2-°F			
	Foundation Wall Insulation Continuity	[value]	n/a	Opaque Surface Insulation Continuity	Foundation wall =[value]	n/a n/a			
	Foundation Wall Insulation	[value]	n/a	Opaque Surface	Foundation wall	n/a			
	Condition			Material Qualifier	Insulation	n/a			
Critical IT System	IT Surtom Tuno	Data Center	n/a	Occupancy Classification	=[value] Data center	n/a n/a			
Critical II System	ii system rype	Server	n/a	Electronic Equipment Type	Server	n/a			
		Networking	n/a	Network Equipment Type	Network equipment	n/a			
		Security	n/a	Occupancy Classification	Security room	n/a			
		Telephoning UPS	n/a n/a	Electronic Equipment Type Uninterruptible Power Supplies	Telephone UPS	n/a n/a			
			1						
		Other	n/a	Electronic Equipment Type	Other	n/a			
	IT Peak Power	Unknown [value]	n/a W	Electronic Equipment Type End Use	Unknown IT Equipment	n/a n/a	1		
		[46]		Consumption Rate Type	Rated power	n/a			1
				Consumption Rate	=[value]	W			
	IT Standby Power	[value]	144	Unit Of Measure End Use	W IT Equipment	n/a n/a			
	11 Standby Power	[value]	w	Consumption Rate Type	Idle power	n/a			
				Consumption Rate	=[value]	W			
	IT Nominal Power	[value]	w	Unit Of Measure	W IT Equipment	n/a			
	II Nominal Power	[value]	w	End Use Consumption Rate Type	Nominal power	n/a n/a			
				Consumption Rate	=[value]	W			
			,	Unit Of Measure	W	n/a			
Plug Loads	Plug Load Type	Personal Computer Task Lighting	n/a n/a	Electronic Equipment Type Electronic Equipment Type	Computer	n/a n/a			
		Printing	n/a	Electronic Equipment Type	Imaging	n/a			
		Cash Register	n/a	Computer Type	Cash register	n/a			
		Audio Display	n/a n/a	Electronic Equipment Type Electronic Equipment Type	Audio Display	n/a n/a			
		Set Top Box	n/a	Electronic Equipment Type	Set top box	n/a			
		Business Equipment Other	n/a n/a	Electronic Equipment Type	Other Other	n/a n/a			
		Unknown	n/a n/a	Electronic Equipment Type Electronic Equipment Type	Unknown	n/a n/a			
	Plug Load Peak Power	[value]	w	End Use	Plug Load	n/a			
				Consumption Rate Type	Rated power	n/a			
				Consumption Rate Unit Of Measure	=[value] W	w n/a			
	Plug Load Standby Power	[value]	w	End Use	Plug Load	n/a			
				Consumption Rate Type	Idle power	n/a			
				Consumption Rate Unit Of Measure	=[value] W	W n/a			
	Plug Load Nominal Power	[value]	w	End Use	Plug Load	n/a			
				Consumption Rate Type	Nominal power	n/a			
				Consumption Rate Unit Of Measure	=[value] W	W n/a	1		
	Miscellaneous Electric Load	[value]	W/ft2	(No corresponding field)		1			BEDES does not aggregate loads at this level, and it's impossible to
							Ì		map general loads to the more detailed fields in BEDES. This mapping is addressed through more specific BuildingSync terms.
Process Load	Process Load Type	Medical Equipment	n/a	Process Load Type	Medical equipment	n/a			
		Laboratory Equipment	n/a	+	Laboratory equipment	n/a			
		Machinery Air Compressor	n/a n/a	†	Machinery Air compressor	n/a n/a			
		Fume Hood	n/a	Į	Fume hood	n/a			
		Appliance	n/a	+	Other	n/a			
		Gaming/Hobby/Leisure Infrastructure	n/a n/a	t	Other Infrastructure	n/a n/a		1	
		Electric Vehicle Charging	n/a	1	Electric vehicle charging	n/a			
		Other	n/a	<b></b>	Other	n/a			
	Process Load Peak Power	Unknown [value]	n/a W	Load Category	Unknown Process	n/a n/a	1		
				Consumption Rate Type	Rated power	n/a			
				Consumption Rate	=[value]	w			
	Process Load Standby Power	[value]	w	Unit Of Measure Load Category	W Process	n/a n/a	1		
		()	1	Consumption Rate Type	Idle power	n/a			
				Consumption Rate	=[value]	W			
	Heat Gain Fraction	[value]	%	Unit Of Measure (No corresponding field)	W	n/a	1		
	Miscellaneous Gas Load	[value]	kBtu/ft2	(No corresponding field)	1		1		BEDES does not aggregate loads at this level, and it's impossible to
				'					map general loads to the more detailed fields in BEDES. This
Conveyance	Conveyance System Type	[value]	n/a	Conveyance System Time	=[value]	n/a			mapping is addressed through more specific BuildingSync terms.
Conveyance	Conveyance Load Type	[value]	n/a n/a	Conveyance System Type Conveyance Load Type	=[value]	n/a n/a			
	Conveyance Peak Power	[value]	w	Load Category	Conveyance	n/a			
				Consumption Rate Type	Rated power	n/a			
	I	I	1	Consumption Rate	=[value]	W			
					W				
	Conveyance Standby Power	[value]	w	Unit Of Measure Load Category Consumption Rate Type	Conveyance Idle power	n/a n/a n/a			

BuildingSync	Duilding Comp. Town	DuildingCome Value	BuildingSync	DEDEC T	Value Manusian	DEDEC II-ia	Unit Commenter	Other Committee Committee	Notes
Table Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term Consumption Rate	Value Mapping =[value]	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
				Unit Of Measure	W	n/a			
On-Site Storage, Transmission,	Energy Conversion Type		n/a	(No corresponding field)					Hierarchical element not used in BEDES
Generation	Onsite Generation Type	PV Other	n/a n/a	Energy Generation Technology	Photovoltaic (No corresponding field)	n/a			This is primarily a hierarchical element in BuildingSync. If "Other" i selected, then Other Energy Generation Technology provides mor
			-						detail.
	Other Energy Generation Technology	[value]	n/a	Energy Generation Technology	=[value]	n/a			
	Output Resource Type	[value]	n/a	Output Resource Type	=[value]	n/a			
	Backup Generator	True		End Use	Generator	n/a			
		False	n/a	Priority (No corresponding field)	Backup	n/a			
	Demand Reduction	[value]	n/a	(No corresponding field)					
	Photovoltaic System Number of Modules per Array	[value]	n/a	Energy Generation Technology	Photovoltaic	n/a			
	oi wiodules per Array			Technology Component	Array	n/a			
				Quantity of Modules per	=[value]	n/a			
	Photovoltaic System Number	[value]	n/a	System Energy Generation Technology	Photovoltaic	n/a			
	of Arrays	[value]	iya		FIIOLOVOICAIC				
				Technology Component	Array	n/a			
	Photovoltaic System Maximum	[value]	Wdc	Quantity Energy Generation Technology	=[value] Photovoltaic	n/a n/a			
	Power Output								
				Resource Generation Consumption Rate Type	Renewable Maximum power output	n/a n/a			
				Resource Value	=[value]	w			
	Photovoltaic System Inverter	funical	%	Unit of Measure	W Photovoltaic	n/a n/a			
	Photovoltaic System Inverter Efficiency	[value]	/0	Energy Generation Technology	FIIOLOVOILAIC	ii/d			
	,			Efficiency Qualifier	Energy conversion	n/a			
				Efficiency Value	=[value]	%			
	Photovoltaic System Array Azimuth	[value]	degrees	Energy Generation Technology	Photovoltaic	n/a			
	ALIMOUT			Technology Component	Array	n/a			
	Photovoltaic System Racking	[value]	degrees	Azimuth Energy Generation Technology	=[value] Photovoltaic	degrees n/a			In BEDES, tilt angle is not a Setpoint Type, and there is no
	System Tilt Angle Min	[value]	uegrees	Energy Generation Technology	Priotovoitaic	nya			maximum or minimum Tilt Angle qualifier. Therefore this term
	-			Technology Component	Racking System	n/a			cannot be mapped perfectly.
	Photovoltaic System Racking	[value]	degrees	Tilt Angle Energy Generation Technology	=[value] Photovoltaic	degrees n/a			In BEDES, tilt angle is not a Setpoint Type, and there is no
	System Tilt Angle Max	[value]	acgrees	Energy deneration recallology	i notovoituic	.,,			maximum or minimum Tilt Angle qualifier. Therefore this term
				Technology Component	Racking system	n/a			cannot be mapped perfectly.
	Photovoltaic System Location	[value]	n/a	Tilt Angle Energy Generation Technology	=[value] Photovoltaic	degrees n/a			
		()	.,-						
	Photovoltaic Module Rated [value]	w	Location Energy Generation Technology	=[value] Photovoltaic	n/a				
	Photovoltaic Module Rated [v Power	[value]	w	Energy Generation Technology	Photovoitaic	n/a			
				Technology Component	Module	n/a			
				Resource Generation Consumption Rate Type	Renewable Rated power	n/a n/a			-
				Unit of Measure	W	n/a			
	Photovoltaic Module Length	[value]	in	Consumption Rate Energy Generation Technology	=[value] Photovoltaic	W n/a			
	Priotovoitaic Woddie Lengtii	[value]		Lifergy deneration reciniology	Filotovoitaic	ilya			
				Technology Component	Module	n/a			
	Photovoltaic Module Width	[value]	in	Length Energy Generation Technology	=[value] Photovoltaic	ft n/a	=[value]/12		
				Technology Component Width	Module =[value]	n/a ft	=[value]/12		<u> </u>
	External Power Supply	[value]	n/a	External Power Supply Mode	=[value]	n/a			
						l .			
	Energy Storage Technology Thermal Medium		n/a n/a	Energy Storage Technology Thermal Medium	=[value] =[value]	n/a n/a			
Pool	Pool Type	[value]	n/a	Water Feature Type	=[value]	n/a			
	Pool Size Category Heated	[value]	n/a	Pool Size Category Water Feature Type	=[value]	n/a n/a			BuildingSupe groups pools and but to be to the second St. 1
	ricateu			vvacer reature Type	POOI	n/d			BuildingSync groups pools and hot tubs in the overall Pool category. They are differentiated by the PoolType term, but not for other attributes. These other attributes are all mapped to the "Pool" Water Feature Type in BEDES for simplicity.
			n/a	Water Feature Heating Method		n/a			
	Water Temperature	[absence]	n/a °E	Mater Feature 7:	Passive Pool	n/a n/a			
	water remperature	[value]	r	Water Feature Type Setpoint Type	Pool Mixed water temperature	n/a n/a			
				Setpoint	=[value]	°F			
	Hours Uncovered Pool Area	[value] [value]	hrs/day ft2	(No corresponding field) Water Feature Type	Pool	n/a			
				Area	=[value]	ft2			
	Pool Volume	[value]	gal	Water Feature Type Volume	Pool =[value]	n/a ft3	=[value]*0.133681		
	Pump Duty Cycle	[value]	%	Water Feature Type	Pool	π3 n/a	-[vaidE] 0.133001		
				Process Load Type	Pump	n/a			
Water Use	Water Use Type	Restroom Sink Use	n/a	Duty Cycle Water Fixture Type	=[value] Sink	% n/a			
	, p	Restroom Toilet/Urinal Water	n/a	, урс	Toilet	n/a			
		Use Kitchen Water Use	n/a		Other	n/a			
			n/a n/a		Bath	n/a n/a			
		Drinking Fountain Water Use	n/a		Other	n/a			
			n/a n/a		Other Other	n/a n/a			
		Indoor Washdown Water Use	n/a		Other	n/a			
		(if indoor)		l		<u> </u>		<u> </u>	1

BuildingSync			BuildingSync						
Table Name	BuildingSync Term	BuildingSync Value Outdoor Landscape Water Use	Units n/a	BEDES Term	Value Mapping Other	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
		Outdoor Non-Landscape Water	n/a		Other	n/a			
		Use Outdoor Washdown Water Use	n/a		Other	n/a			
		(if outdoor)			4.1				
		Cooling Tower Make-up Water Use	n/a		Other	n/a			
		Hydronic Loop Make-up Water	n/a	ř	Other	n/a			
		Use Evaporative Cooling System	n/a		Other	n/a			
		Water Use							
		Pre-Treatment Process Water Use	n/a		Other	n/a			
		Captured Rain Water	n/a		Other	n/a			
		Recycled Greywater Condensate Recovery	n/a n/a		Other Other	n/a n/a			
		Stormwater Sewer Production	n/a		Other	n/a			
		Stormwater Discharge	n/a		Other	n/a			
		Other	n/a		Other	n/a			
	Water Resource	Unknown [value]	n/a n/a	Resource	Unknown =[value]	n/a n/a			
	Water Fixture Rated Flow Rate	[value]	gpm	Load Category	Water feature	n/a			
				Setpoint Type	Flow Rate	n/a			
	Low Flow Fixtures	[value]	n/a	Setpoint (No corresponding field)	=[value]	ft3/min	=[value]*0.13368		
	Water Fixture Volume per	[value]	gal/cycle	Load Category	Water feature	n/a			
	Cycle			Consumption Rate Type	Water cycle draw	n/a			
	Water Fixture Cycles per Day	[value1]	cvcles/dav	Consumption Rate	=[value] Water feature	gal/cycle n/a			
	Water Fixture Volume per	[value2]	gal/cycle	Load Category Consumption Rate Type	Daily Draw	n/a			
	Cycle				=[value1]*[value2]	gallons/day			
				Consumption Rate Unit of Measure	=[value1]*[value2] gallons/day	n/a			
	Water Fixture Fraction Hot	[value]	%	(No corresponding field)					
Global Elements	Water Quantity	[value]	n/a	Quantity	=[value]	n/a			
	Location	[value]	n/a	Location	=[value]	n/a			
	Control Technology	Programmable Thermostat	n/a	Control Technology	Thermostat	n/a			
		Manual Analog Thermostat	n/a	Control Strategy Control Technology	Programmable Thermostat	n/a n/a			
		Manual Digital Thermostat	n/a n/a		Thermostat	n/a			
		Manual On/Off EMCS	n/a		Manual Energy Management and	n/a n/a			
			,		Controls System				
		Always On Timer	n/a n/a		Always on Timer	n/a n/a			
		Other	n/a		Other	n/a			
	Primary Fuel	Unknown [value]	n/a n/a	Resource	Unknown =[value]	n/a n/a			
	Year Installed	[value]		Date Status	Installed	n/a			
				Date Date Format	=[value] Year	n/a			
			CCYY	Year of Manufacture	=[value]	CCYY			
		[value] [value]	n/a n/a	Manufacturer Model Number	=[value] =[value]	n/a n/a			
	Capacity	[value]	n/a	Capacity	=[value]	n/a			
	Capacity Units		n/a n/a	Unit of Measure	=[value]	n/a			
	Duty Cycle Third Party Certification	[value] [value]	n/a	Duty Cycle Equipment Rating	=[value] =[value]	n/a n/a			
	Linked Premises	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Linked Schedule ID Linked Site ID	[value] [value]	n/a n/a	(No corresponding field) (No corresponding field)					Hierarchical element not used in BEDES Hierarchical element not used in BEDES
	Linked Facility ID	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Linked Space ID Linked Thermal Zone ID	[value]	n/a n/a	(No corresponding field) (No corresponding field)					Hierarchical element not used in BEDES Hierarchical element not used in BEDES
	Linked Subsection ID	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES
Metadata		Default Estimate	n/a n/a	Derivation Method	Default Estimated	n/a n/a			Hierarchical element not used in BEDES
		Government record	n/a	Origin	Government record	n/a			
		Agent Assessor	n/a n/a		Agent Assessor	n/a n/a			
		Auditor	n/a		Auditor	n/a			
		Product specification	n/a n/a		Product specification	n/a n/a			
		Utility transfer	n/a n/a		Building Component Library Utility transfer	n/a n/a			
		Energy Management System	n/a		Energy Management System	n/a			
		Drawings Direct measurement	n/a n/a		Drawings Direct measurement	n/a n/a			
		Design files	n/a		Design files	n/a			
		Simulation ENERGY STAR Portfolio	n/a n/a		Simulation ENERGY STAR Portfolio Manager	n/a n/a			
		Manager							
			n/a n/a		US EPA US EIA	n/a n/a			
		Target Finder	n/a		Target Finder	n/a			
		Arch2030 ASHRAE	n/a		Arch2030 ASHRAE	n/a	-		
		Utility	n/a n/a		Utility	n/a n/a			
		Other	n/a		Other	n/a			
	ID	[value]	n/a	(No corresponding field)	L				Hierarchical element not used in BEDES

# Mapping of BuildingSync Version 2.0 to BEDES Version 1.2 - Measures Data

 $Enumerations \ are \ only \ listed \ when \ there \ is \ a \ difference \ between \ Building Sync \ and \ BEDES, \ otherwise "=[value]" \ is \ used.$ 

The BuildingSync enumerations must include all values to allow mapping, but some values in the corresponding BEDES term may not be used.

Sync ame	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
ame	Type of Measure	[value]	n/a	Action Category	=[value]	n/a	Unit Conversion	Other Conversion Operations	Notes
ŀ	Long Description	[value]	n/a	Notes	=[value]	n/a			
	Measure Scale of Application	[value]	n/a	Application Scale	=[value]	n/a			
ľ	Premise Affected	[value]	n/a	(No corresponding field)	[]	.,,=			Hierarchical element not used in BEDES
ľ	System Category Affected	Air Distribution	n/a	End Use	Other	n/a			This is primarily a hierarchical term in BuildingSync, used t
	,,,,,,	Heating System	n/a		Heating	n/a			identify the reference IDs for systems that are modified b
		Cooling System	n/a		Cooling	n/a			measure.
		Other HVAC	n/a		Other	n/a			
		Lighting	n/a		Total Lighting	n/a			
		Domestic Hot Water	n/a		Domestic Hot Water	n/a			
		Cooking	n/a		Cooking	n/a			
		Refrigeration	n/a		Refrigeration	n/a			
		Dishwasher	n/a		Dishwasher	n/a			
		Laundry	n/a		Laundry	n/a			
		Pump	n/a		Process Load	n/a			
		Fan Motor	n/a		Other	n/a			
			n/a		Process Load	n/a			
		Heat Recovery Wall	n/a n/a		Other Other	n/a n/a			
		Roof	n/a n/a		Other	n/a n/a			
		Ceiling	n/a		Other	n/a			
		Fenestration	n/a		Other	n/a			
		Foundation	n/a	Ot	Other	n/a			
		General Controls and Operations	n/a		Other	n/a			
		Critical IT System	n/a		IT Equipment	n/a			
		Plug Load	n/a		Plug Load	n/a			
		Process Load	n/a		Process Load	n/a			
		Conveyance	n/a		Conveyance	n/a			
		On-Site Storage, Transmission, Generation	n/a		Generator	n/a			
		Pool	n/a	Ot Ot Ot Ot Ot Ot Ot Ot Ot Ot Ot Ot Ot O	Pool Heating	n/a			
		Water Use	n/a		Other	n/a			
l.		Other	n/a		Other	n/a			
	Technology Category	BoilerPlantImprovements	n/a		Boiler plant improvements	n/a			
		ChillerPlantImprovements	n/a		Chiller plant improvements	n/a			
		BuildingAutomationSystems	n/a		Building automation systems	n/a			
		OtherHVAC	n/a		Heating ventilating and air	n/a			
		Calcheration and the control of the	n/a		conditioning	n/a			
		LightingImprovements BuildingEnvelopeModifications	•		Lighting improvements  Building envelope modifications	n/a n/a			
		- '	n/a						
		ChilledWaterHotWaterAndStea mDistributionSystems	n/a		Chilled water hot water and steam distribution systems	n/a			
		ElectricMotorsAndDrives	n/a		Electric motors and drives	n/a			
		Refrigeration	n/a		Refrigeration	n/a			
		DistributedGeneration	n/a		Distributed generation	n/a			
		RenewableEnergySystems	n/a			n/a			
		EnergyDistributionSystems WaterAndSewerConservationSys	n/a		Energy distribution systems Water and sewer conservation	n/a n/a			
		tems	11/4		systems	II/a			
		ElectricalPeakShavingLoadShiftin	n/a		Electrical peak shaving or load shifting	n/a			
		EnergyCostReductionThroughRa teAdjustments	n/a		Energy cost reduction through rate adjustments	n/a			
		EnergyRelatedProcessImprovem	n/a		Energy related process	n/a			
			-/-		improvements	-/-			
		AdvancedMeteringSystems	n/a		Advanced metering systems	n/a			
		PlugLoadReductions	n/a		Plug load reductions	n/a			
		FutureOtherECMs HealthAndSafety	n/a		Other	n/a			
		HealthAndSafety Uncategorized	n/a n/a		Other Other	n/a n/a			
ŀ	Measure Name	[value]	n/a n/a	Reporting Level	Other Measure	n/a n/a			
	IVICASUIE NAITE	[value]	11/4						
}	Moscuro Coversão	funlual	0/	Description	=[value]	n/a			
	Measure Coverage Existing System Replaced	[value] Idref	% n/a	Scope (No corresponding field)	=[value]	70			Hierarchical element not used in BEDES

ildina Cuna			Building Come						
ildingSync ble Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Existing System Removed	Idref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Alternative System Replacement	ldref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Alternative System Added	Idref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Modified System	Idref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Existing Schedule Affected	Idref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Modified Schedule	Idref	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	M&V Option	Option A: Retrofit Isolation With Partial Measurement	n/a	IPMVP Option	Option A	n/a			
		Option B: Retrofit Isolation With Full Measurement	n/a		Option B	n/a			
		Option C: Whole Building Measurement	n/a		Option C	n/a			
		Option D: Calibrated Simulation	n/a		Option D	n/a			
		Combination	n/a	1	Other	n/a			
		Other	n/a	1	Other	n/a			
	Useful Life	[value]	vr	Reporting Level	Measure	n/a			
	oscial Elic	[value]	,.	Useful Life	=[value]	vr			
				Unit of Measure	Years	n/a			
	Recommended	True	n/a	Implementation Status	Recommended	n/a			
	Recommended	False	n/a	implementation status	Evaluated	n/a			
	Start Date	[value]	CCYY-MM-DD	Implementation Status	Initiated	n/a			
	Start Date	[value]	CCTT-WINI-DD		=[value]	CCYY-MM-DD			
				Date Format	Date	n/a			
	End Date	[value]	CCYY-MM-DD	Implementation Status	Completed	n/a			
	End Sate	[ruide]	CONT IMMEDIA		=[value]	CCYY-MM-DD			
				Date Format	Date	n/a			
	Measure Rank	[value]	n/a	(No corresponding field)		1			
	Measure First Cost	[value]	Ś	Reporting Level	Measure	n/a			
	Wiedsare First Cost	[value]	7	Cost Attribution	First	n/a			
				Unit Of Measure	\$	n/a			
				Cost	=[value]	ć .			
	Capital Replacement Cost	[value]	Ś	Reporting Level	Measure	n/a			
	Copital Replacement Cost	[value]	ľ	Cost Attribution	Replacement	n/a			1
				Unit Of Measure	ė	n/a			
				Cost	=[value]	Ś			
	Residual Value	[value]	\$	(No corresponding field)	[				This value is a theoretical function of analysis period and mea lifetimes used for NPV analysis, and does not represent a real
	Implementation Status	[value]	n/a	Implementation Status	=[value]	n/a			
	Discard Reason	[value]	n/a	Discard Reason	=[value]	n/a			

# Mapping of BuildingSync Version 2.0 to BEDES Version 1.2 - Reporting Data

Enumerations are only listed when there is a difference between BuildingSync and BEDES, otherwise "=[value]" is used.

The BuildingSync enumerations must include all values to allow mapping, but some values in the corresponding BEDES term may not be used.

ync me	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Scenario Name	[value]	n/a	Description	=[value]	n/a	Unit Conversion	Operations	Notes
ŀ	Temporal Status	[value]	n/a n/a	Temporal Status	=[value]	n/a n/a			
ı	Normalization	[value]	n/a	Normalization	=[value]	n/a			
ľ	TO THE ILLEGATION	[volucj	1,70	THO THICK EACH	[Volucij	1170			
-	Qualifier								Marked for deletion
						-			4
						1			_
		Onsite	n/a	Resource Boundary	Onsite	n/a			=
		Offsite	n/a	Resource Boundary	Offsite	n/a			
		Onsite and Offsite	n/a	Resource Boundary	Gross	n/a			
		Direct	n/a	Emission Boundary	Direct	n/a			
		Indirect	n/a	Emission Boundary	Indirect	n/a			
		Biomass	n/a	Emission Source	Biomass	n/a			
		Net	n/a	Emission Boundary	Net	n/a			
		Municipally Supplied Potable	n/a	Water Resource	Potable water	n/a			
		Water							
		Municipally Supplied Reclaimed Water	n/a	Water Resource	Reclaimed water	n/a			
		Alternative Water Generated	n/a	Water Resource	Alternative weter	n/a			4
		On-Site	II/ d	water Resource	Alternative water	11/4			
		Indoor	n/a	Location	Interior	n/a			
		Outdoor	n/a	Location	Exterior	n/a			
		Total	n/a	Resource Boundary	Gross	n/a			
5	Scenario Type	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES. Similar to Temporal S this term restricts subelements to relevant ones in BuildingSyr
ħ	Measured Energy Source	UtilityBills	n/a	Origin	Utility	n/a			this term restricts subelements to relevant ones in buildingsyn
		DirectMeasurement	n/a		Direct measurement	n/a			
L		Other	n/a		Other	n/a			
	Weather Type	[value]	n/a	(No corresponding field)					Hierarchical element not used in BEDES. Similar to Normalizat this term restricts subelements to relevant ones in BuildingSy
1	Weather Data Source	[value]	n/a	Weather Data Type	=[value]	n/a			
	Weather Year	[value]	CCYY	Normalization	Adjusted to specific year	n/a			
				Collection Date	=[value]	CCYY			
L				Date Format	Year	n/a			
	Normalization Years	[value]	yr	(No corresponding field)					BEDES assumes 30 years for weather normalization.
	Normalization Start Year	[value]	CCYY	(No corresponding field)					
ľ	Annual Heating Degree Days	[value]	°F-days	Weather Metric Weather Metric Value	Heating Degree Days =[value]	n/a °F-days			
				Interval Frequency	=[value] Annual	n/a			
ŀ	Annual Cooling Degree Days	[value]	°F-days	Weather Metric	Cooling Degree Days	n/a			
ľ	Amidal Cooling Degree Days	[value]	1 -uays	Weather Metric Value	=[value]	°F-days			
				Interval Frequency	Annual	n/a			
Ī	Calculation Method	[value]	n/a	Derivation Method	=[value]	n/a			
	Software Program Used	[value]	n/a	Energy Software Tool	=[value]	n/a			
	Software Program Version	[value]	n/a	Energy Software Tool Version	=[value]	n/a			
L	Benchmark Type	[value]	n/a	Benchmark Peer Group	=[value]	n/a			
	Code Name	[value]	n/a	Building Energy Code or Standard	=[value]	n/a			
	Code Version	[value]	n/a	Building Energy Code Or Standard Version	=[value]	n/a			
	Code Year	[value]	CCYY	Building Energy Code Year	=[value]	CCYY			
	Standard Practice Description	[value]	n/a	Description	=[value]	n/a			
		[value]	n/a	Description	=[value] =[value]	n/a			
	Other Benchmark Description		,			n/a			T .
	Other Benchmark Description Benchmark Tool	[value]	n/a	Assessment Tool					
	Other Benchmark Description		n/a kW	Interval Measure	Demand	n/a			
	Other Benchmark Description Benchmark Tool	[value]							

1									
Sync ame	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
				Power Metric	Power	n/a			
V	Vinter Peak	[value]	kW	Unit of Measure Interval Measure	kW Demand	n/a n/a			
ľ	William Con	[value]		Interval Frequency	15 minute	n/a			†
				Schedule Period	Winter	n/a			
				Power Metric Value	=[value]	kW			
				Power Metric	Power	n/a			4
F	End Use	All end uses	n/a	Unit of Measure End Use	kW Premises	n/a n/a			
ľ	illu Ose	Total Lighting	n/a	Liid Ose	Total Lighting	n/a			
		Interior Lighting	n/a		Interior Lighting	n/a			
		Exterior Lighting	n/a		Exterior Lighting	n/a			
		Heating	n/a		Heating	n/a			
		Cooling Ventilation	n/a n/a	1	Cooling Ventilation	n/a n/a			
		Pump	n/a	i	Pump	n/a			
		IT Equipment	n/a	1	IT Equipment	n/a			
		Plug in Electric Vehicle	n/a		Plug in Electric Vehicle	n/a			
		Plug Load	n/a		Plug Load	n/a			
		Process Load Conveyance	n/a n/a	1	Process Load	n/a n/a			
		Domestic Hot Water	n/a n/a		Conveyance Domestic Hot Water	n/a n/a			
		Refrigeration	n/a	1	Refrigeration	n/a			
		Cooking	n/a	]	Cooking	n/a			
		Dishwasher	n/a		Dishwasher	n/a			
		Laundry	n/a		Laundry	n/a			
		Pool Heating On Site Generation	n/a n/a	1	Pool Heating Generator	n/a n/a			
P	Resource Boundary	[value]	n/a	Resource Boundary	=[value]	n/a			
	Site Energy Use	[value]	kBtu	Resource Boundary	Site	n/a			Site and source energy elements could be collapsed in BuildingSyr
				Resource	Energy	n/a			because the ResourceBoundary term has been added. However, it
				Interval Frequency	Annual	n/a			would require another layer with unbounded energy use elements
				Interval Measure	Total	n/a			simpler to explicitly include the two key energy use types so there
				Resource Value Unit of Measure	=[value] kBtu	kBtu n/a			ambiguity if ResourceBoundary is left blank.
ç	Site Energy Use Intensity	[value]	kBtu/ft2	Resource Boundary	Site	n/a			
	ate Energy ose intensity	[value]	KDEG/TEL	Resource	Energy	n/a			
				Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Intensity	=[value]	kBtu/ft2			
ç	Source Energy Use	[value]	kBtu	Unit of Measure Resource Boundary	kBtu/ft2 Source	n/a n/a			
آ	ource Energy Ose	[value]	KDtu	Resource	Energy	n/a			
				Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Value	=[value]	kBtu			
-	Samuel Francisco Library Colonial Colonia Colonial Colonial Colonial Coloni	ft1	kBtu/ft2	Unit of Measure Resource Boundary	kBtu	n/a n/a			
٥	Source Energy Use Intensity	[value]	KBLU/ILZ	Resource	Source Energy	n/a			
				Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Intensity	=[value]	kBtu/ft2			
Ŀ				Unit of Measure	kBtu/ft2	n/a			
	Energy Cost	[value]	\$	Resource Interval Frequency	Energy Annual	n/a n/a			
L				Interval Measure	Total	n/a			
ľ									
Ĺ				Resource Cost	=[value]	\$			
E	Electricity Sourced from Onsite	[value]	kWh	Resource Cost Resource Boundary	=[value] Site	n/a			
E	Electricity Sourced from Onsite Renewable Systems	[value]	kWh	Resource Cost Resource Boundary Resource	=[value] Site Electricity	n/a n/a			
E		[value]	kWh	Resource Cost Resource Boundary Resource Interval Frequency	=[value] Site Electricity Annual	n/a n/a n/a			
E		[value]	kWh	Resource Cost Resource Boundary Resource Interval Frequency Interval Measure	=[value] Site Electricity Annual Total	n/a n/a n/a n/a n/a			
E		[value]	kWh	Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation	=[value] Site Electricity Annual Total Renewable	n/a n/a n/a n/a n/a			
E		[value]	kWh	Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value Unit of Measure	=[value] Site Electricity Annual Total	n/a n/a n/a n/a n/a			
E R	Renewable Systems  Dosite Renewable System	[value]	kWh	Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value	=[value] Site Electricity Annual Total Renewable =[value] kWh Onsite	n/a n/a n/a n/a n/a n/a kWh n/a n/a			
E R	Renewable Systems			Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value Unit of Measure Resource Boundary Resource Boundary	=[value] Site Electricity Annual Total Renewable =[value] kWh Onsite Electricity	n/a n/a n/a n/a n/a n/a kWh n/a n/a n/a			
E R	Renewable Systems  Dosite Renewable System			Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value Unit of Measure Resource Boundary Resource Interval Frequency Interval Frequency	=[value] Site Electricity Annual Total Renewable =[value] kWh Onsite Electricity Annual	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
E R	Renewable Systems  Dosite Renewable System			Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value Unit of Measure Resource Boundary Resource Interval Frequency Interval Frequency Interval Measure	=[value] Site Electricity Annual Total Renewable =[value] kWh Onsite Electricity Annual	n/a n/a n/a n/a n/a n/a n/a n/a n/a kWh n/a n/a n/a n/a n/a n/a n/a			
E R	Renewable Systems  Dosite Renewable System			Resource Cost Resource Boundary Resource Interval Frequency Interval Measure Resource Generation Resource Value Unit of Measure Resource Boundary Resource Interval Frequency Interval Frequency	=[value] Site Electricity Annual Total Renewable =[value] kWh Onsite Electricity Annual	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			

BuildingSync			BuildingSync					Other Conversion	
Table Name	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Operations	Notes
				Unit of Measure	kWh	n/a			
	Water Use	[value]	kgal	Resource Interval Frequency	Potable water Annual	n/a n/a			
				Interval Measure	Total	n/a			
				Resource Value	=[value]	kgal			
				Unit of Measure	kgal	n/a			
	Water Intensity	[value]	kgal/ft2	Resource	Potable water	n/a			
				Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Intensity	=[value]	kgal/ft2			
	Water Cost	[value]	ć	Unit of Measure	kgal/ft2 Potable water	n/a n/a			
	water cost	[value]	Ş	Resource Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Cost	=[value]	\$			
	Wastewater Volume	[value]	kgal	Resource	Wastewater	n/a			
				Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Value	=[value]	kgal			
	Accest Cooks	[unlun]	2/2	Unit of Measure	kgal Commercial Building Energy	n/a			
	Asset Score	[value]	n/a	Assessment Program	Asset Score	n/a			
			1	Assessment Recognition Type	Score	n/a			
				Assessment Value	=[value]	n/a			
	ENERGY STAR Score	[value]	n/a	Assessment Program	ENERGY STAR	n/a			
				Assessment Recognition Type	Score	n/a			
D- d	Defenses Con-	IDD-f	- /-	Assessment Value	=[value]	n/a			Ulassachiad alassach and in DEDEC
Package Summary Data	Reference Case MeasuresID	IDRef IDRef	n/a n/a	(No corresponding field) (No corresponding field)					Hierarchical element not used in BEDES Hierarchical element not used in BEDES
bullillary Data	Annual Savings Site Energy	[value]	n/a MMBtu/yr	Interval Frequency	Annual	n/a			Hierarchical element not used in BEDES
	Ailiuai Savings Site Ellergy	[value]	IVIIVIBTU/YF	Interval Measure	Total	n/a			
				Resource Boundary	Site	n/a			
				Resource Savings	=[value]	MMBtu			
				Unit of Measure	MMBtu	n/a			
	Annual Savings Source Energy	[value]	MMBtu/yr	Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Resource Boundary	Source	n/a			
				Resource Savings	=[value]	MMBtu			
	Annual Cardana Cast	fundament	ct	Unit of Measure	MMBtu Annual	n/a n/a			
	Annual Savings Cost	[value]	\$/yr	Interval Frequency Interval Measure	Total	n/a n/a			
				Cost Savings	=[value]	ς .			
	Annual Savings Native Units	[value1]	units/yr	Interval Frequency	Annual	n/a			
	Energy Resource	[value2]	n/a	Interval Measure	Total	n/a			
	Resource Units	[value3]	n/a	Resource	=[value2]	n/a			
				Unit of Measure	=[value3]	n/a			
				Resource Savings	=[value1]	units/yr			
	Summer Peak Electricity	[value]	kW	Resource	Electricity	n/a			
	Reduction		1	Interval Frequency	15 minute	n/a			]
			1	Interval Measure	Demand	n/a			1
				Schedule Period	Summer	n/a			_
			1	Resource Savings	=[value1]	kW			4
			1	Power Metric Unit of Measure	Power kW	n/a n/a			-
	Winter Peak Electricity Reduction	[value]	kW	Unit of Measure Resource	Electricity	n/a n/a			
	ci i can Electricity neduction	[**************************************		Interval Frequency	15 minute	n/a			1
			1	Interval Measure	Demand	n/a n/a			1
			1	Schedule Period	Winter	n/a			1
			1	Resource Savings	=[value1]	kW			
			1	Power Metric	Power	n/a			]
			1	Unit of Measure	kW	n/a			
	Annual Demand Savings Cost	[value]	\$/yr	Resource	Electricity	n/a			4
			1	Interval Frequency	Annual	n/a			4
			1	Interval Measure	Demand	n/a			4
			1	Power Metric	Power	n/a			-
	Annual Water Savings	[value]	gal/yr	Cost Savings	=[value] Potable water	\$/yr n/a			
	minual vvater saviligs	[vaide]	5a1/ y1	Resource Interval Frequency	Annual	n/a n/a			
			1	Interval Measure	Total	n/a			
		Ì	1	Resource	Potable water	n/a			
l.	•	•	•						•

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
ŀ				Unit of Measure	gallons	n/a			
ŀ	Annual Mater Cost Sovings		41	Resource Savings	=[value]	gal/yr			
ŀ	Annual Water Cost Savings	[value]	\$/yr	Resource	Potable water	n/a			
ŀ				Interval Frequency	Annual	n/a			
ŀ				Interval Measure Cost Savings	Total =[value]	n/a \$/yr			
ŀ	Package First Cost	[value]	ė	Reporting Level	Package	n/a			
ŀ	Package First Cost	[value]	Ş						
ŀ				Cost Attribution	First	n/a			
ŀ				Cost	=[value]	\$			
ŀ			41	Unit of Measure	\$	n/a			
ŀ	MV Cost	[value]	\$/yr	Cost Attribution	MV	n/a			
ŀ				Interval Frequency Periodically Recurring Costs	Annual =[value]	n/a \$/yr			
ŀ	Equipment Disposal and Salvage	[value]	ć	Cost Attribution	Disposal and salvage costs	n/a			
	Costs	[value]	Ş	Cost Attribution	=[value]	II/d			
ŀ	Costs			Unit of Measure	=[value]	n/a			
ŀ	ONA Court Assessed Courts on	[value]	ć		0	n/a n/a			
ŀ	OM Cost Annual Savings	[value]	\$	Savings Attribution Interval Frequency	Operation and maintenance Annual	n/a n/a			
ŀ				Cost Savings	=[value]	n/a			
ŀ	Other Cost Annual Covings	fuglical	ć			\$ n/n			
ļ	Other Cost Annual Savings	[value]	۶	Savings Attribution	Other Annual	n/a			
ļ		Ì	1	Interval Frequency		n/a			
ļ	Funding from Incontinue	[value]	ė	Cost Savings	=[value]	p/2			
ļ	Funding from Incentives	[value]	P P	Funding Source	Incentive	n/a		-	
ļ	Funding from Toy Condition	[welve]	ć	Funding Amount	=[value]	ş n/a			
ŀ	Funding from Tax Credits	[value]	\$	Funding Source	Tax credits	n/a			
ŀ	Incolor contesting Booted	f t 1	months	Funding Amount	=[value]	>			
ŀ	Implementation Period	[value]	months	(No corresponding field)					
	Implementation Period Cost Savings	[value]	\$	(No corresponding field)					
ŀ	Percent Guaranteed Savings	[value]	%	(No corresponding field)					
ŀ	Project Markup	[value]	%	Cost Attribution	Markup	n/a			
ŀ				Unit of Measure	Percent	n/a			
ŀ				Cost	=[value]	%			
ŀ	Recurring Incentives	[value]	\$	Funding Source	Incentive	n/a			
ŀ			1	Cost Attribution	Recurring	n/a			
ŀ				Funding Amount	=[value]	\$			
	NPV of Tax Implications Analysis Period	[value1] [value2] ,	yrs	Cost Attribution Cost Effectiveness Screening Method	Taxes Net Present Value	n/a n/a			
				Cost Savings	=[value1]	\$			
ŀ				Cost Period	=[value2]	yrs			
				Unit of Measure	Years	n/a			
	Other Financial Incentives	[value1]	\$	Funding Source	Incentive	n/a			
	Analysis Period	[value2]	yrs	Cost Effectiveness Screening Method	Net Present Value	n/a			
ŀ				Funding Amount	=[value1]	\$			
ļ		Ì	1	Cost Period	=[value2]	yrs			
ļ		1		Unit of Measure	Years	n/a			
ļ	Simple Payback	[value]	yrs	Cost Effectiveness Screening Method		n/a			
ļ		I	[			[ ]			
ļ		1		Cost Effectiveness Value	=[value]	Years			
ļ		Ì	1	Unit of Measure	Years	n/a			
	Net Present Value	[value]	\$	Cost Effectiveness Screening Method	Net Present Value	n/a			
ļ		Ì	1	Cost Effectiveness Value	=[value]	Ś			
ļ		1		Unit of Measure	\$	n/a			
	Internal Rate of Return	[value]	%	Cost Effectiveness Screening Method	Internal Rate of Return	n/a			
				Cost Effectiveness Value	=[value]	%			
ļ			1.	Unit of Measure	Percent	n/a			
	Cost Effectiveness Screening Method	[value]	n/a	Cost Effectiveness Screening Method	=[value]	n/a			
	Energy Resource	[value]	n/a	Resource	=[value]	n/a			
ergy Use	Percent Resource	[value]	%	Percent of Total	=[value]	%			
ergy Use	i cicciii nesouice		1	Percent of Total	=[value]	%			
ergy Use	Percent End Use	[value]	%			1		!	
	Percent End Use		% n/a		-fyalus]	n/a			
	Percent End Use Resource Units	[value]	n/a	Unit of Measure	=[value]	n/a n/a			
	Percent End Use Resource Units Annual Fuel Use Native Units	[value] [value1]	units/yr	Unit of Measure Interval Frequency	Annual	n/a			
	Percent End Use Resource Units	[value]		Unit of Measure					

			BuildingSync					Other Conversion	
ync me	BuildingSync Term	BuildingSync Value	Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
-	g-,			Resource Value	=[value1]	units/yr			
Ī	Annual Fuel Use Consistent Units	[value]	MMBtu/yr	Interval Frequency		n/a			
				Interval Measure	Total	n/a			
				Resource Value	=[value]	MMBtu			
				Unit of Measure	MMBtu	n/a			
Ī	Fuel Use Intensity	[value1]	units/ft2/yr	Interval Frequency	Annual	n/a			
	Resource	[value2]	n/a	Interval Measure	Total	n/a			
r	Resource Units	[value3]	n/a	Resource	=[value2]	n/a			
				Unit of Measure	=[value3]	n/a			
ı				Resource Intensity	=[value1]	units/ft2/yr			
ľ	Type of Rate Structure	FlatRate	n/a	Rate Structure	Flat rate	n/a			
		TimeOfUseRate	n/a		Time of use rate	n/a			
		TieredRate	n/a		(No corresponding field)	1			Tiered rate structure is established under Tier Direcction in
			,		211	,			BuildingSync.
			n/a			n/a			
ŀ	Ti Discortion		n/a	Data Characteris		n/a			
	Tier Direction		n/a	Rate Structure		n/a			
		Decreasing Other	n/a			n/a			
ŀ	Date Christian Effective Date	[value]	n/a CCYY-MM-DD	Schedule Period		n/a			This is intended to be the offestive date of the averall rate
[	Rate Structure Effective Date	[voide]	CC1 1-IVIIVI-DD	Schedule Period Begin Month	Rate structure =[value]	n/a		MM from BuildingSync must be	This is intended to be the effective date of the overall rate schedule/structure, not the starting date of a particular rate peri
				Schedule Feriou Begin World!	-[varue]	11/0		converted to an integer	within the schedule. As a result, this field does not map perfectly
				Schedule Period Begin Day	=[value]	n/a		DD from BuildingSync must be	BEDES, because year is not included.
				Seriedate i eriod segiri say	[value]	,.		converted to an integer	bebes, because year is not included.
Ī	Rate Structure End Date	[value]	CCYY-MM-DD	Schedule Period	Rate structure				This is intended to be the effective date of the overall rate
				Schedule Period End Month	=[value]	n/a		MM from BuildingSync must be	schedule/structure, not the starting date of a particular rate peri
								converted to an integer	within the schedule. As a result, this field does not map perfectly
				Schedule Period End Day	=[value]	n/a		DD from BuildingSync must be	BEDES, because year is not included.
L						1		converted to an integer	
F	Rate Structure Sector	[value]	n/a	Sector Classification	=[value]	n/a			
	Rate Structure Name	[value]	n/a	Rate Structure ID	=[value]	n/a			
	Reference For Rate Structure	[value]	n/a	Rate Structure Reference	=[value]	n/a			
	Fixed Monthly Charge	[value]	\$	Charge Rate	Fixed monthly	n/a			
				Rate Charge Value	=[value]	\$/month			
ŀ		<del> </del>		Unit Of Measure	Month	n/a			
- 1	Net Metering		n/a	Meter Type	Net	n/a			BuildingSync does not include detailed meter descriptions.
ŀ		False	n/a		(No corresponding field)	,			
	Metering Configuration	[value]	n/a	Metering Configuration		n/a			
	Type of Resource Meter	[value]	n/a	Meter Type	=[value] =[value]	n/a n/a			
	Fuel Interruptibility Shared Resource System	[value] Multiple buildings on a single	n/a n/a	Fuel Interruptibility Shared Resource Configuration	[				Typo in BEDES is corrected in BuildingSync. "Shared" is left out built is duplicative.
		Multiple buildings on multiple	n/a			n/a			
						' !			
		lots	n/o		lots Not shared	2/2			
		lots Not shared	n/a		Not shared	n/a			
		lots Not shared Other	n/a		Not shared Other	n/a			
Ī	Power Plant	lots Not shared Other Unknown	n/a n/a	Contact Label	Not shared Other Unknown	n/a n/a			
-	Power Plant	lots Not shared Other	n/a	Contact Label	Not shared Other Unknown Power plant	n/a n/a n/a			
		lots Not shared Other Unknown [value]	n/a n/a n/a	Company Name	Not shared Other Unknown Power plant =[value]	n/a n/a n/a n/a			
	Power Plant Utility Name	lots Not shared Other Unknown	n/a n/a	Company Name Contact Label	Not shared Other Unknown Power plant =[value] Utility	n/a n/a n/a n/a n/a			
Ī	Utility Name	lots Not shared Other Unknown [value]	n/a n/a n/a	Company Name Contact Label Company Name	Not shared Other Unknown Power plant =[value] Utility =[value]	n/a n/a n/a n/a n/a n/a			
Ī		lots Not shared Other Unknown [value]	n/a n/a n/a	Company Name Contact Label	Not shared Other Unknown Power plant =[value] Utility =[value] Meter	n/a n/a n/a n/a n/a n/a n/a n/a			
-	Utility Name Utility Meter Number	lots Not shared Other Unknown [value] [value] [value]	n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value]	n/a n/a n/a n/a n/a n/a			
-	Utility Name	lots Not shared Other Unknown [value]	n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Utility	n/a n/a n/a n/a n/a n/a n/a n/a n/a			
-	Utility Name Utility Meter Number	lots Not shared Other Unknown [value] [value] [value]	n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number	lots Not shared Other Unknown [value] [value] [value]	n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Label	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer	lots Not shared Other Unknown [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Label Identifier Label Identifier Label Identifier Contact Label Company Name	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Billing =[value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer Source Site Ratio	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Label Identifier Label Identifier Contact Label Identifier Sontact Label Identifier Sontact Label Identifier Sontact Label Identifier Sontact Label Company Name Source Site Ratio	Not shared Other Unknown Power plant = value  Utility = value  Heter = value  Utility Account = value  Billing = value  = value  = value	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer	lots Not shared Other Unknown [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Billing =[value] Electric distribution utility	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer Source Site Ratio Electric Distribution Utility	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Billing =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer Source Site Ratio	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Mame Identifier Label Identifier Contact Label Identifier Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Contact Label	Not shared Other Unknown Power plant = value  Utility = value  Utility = value  Utility Account = value  Utility Account = value  = value	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Bilipayer Source Site Ratio Electric Distribution Utility Average Marginal Cost Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a sylva n/a sylv	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Charge Rate Rate Rate Rate Rate Rate	Not shared Other Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Billing =[value] [[value] [[value] [[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value] =[value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Billpayer Source Site Ratio Electric Distribution Utility	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Contact Label Company Name Charge Rate Rate Charge Value Charge Rate	Not shared Other Unknown Power plant =[value] Utility =[value] Utility =[value] Utility Account =[value] Billing =[value] [[value] =[value] =[value] Average marginal buy =[value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Account Number Utility Bilipayer Source Site Ratio Electric Distribution Utility Average Marginal Cost Rate Average Marginal Sell Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a s/a n/a s/a s/a s/a s/a s/unit	Company Name Contact Label Company Mame Identifier Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Fource Site Ratio Contact Label Company Name Charge Rate Rate Charge Value Rate Charge Value Rate Charge Value	Not shared Other Unknown Power plant = value  Utility = value  Utility = value  Utility Account = value  Utility Account = value  = value	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Bilipayer Source Site Ratio Electric Distribution Utility Average Marginal Cost Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a sylva n/a sylv	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Charge Rate Rate Charge Value Charge Rate Rate Charge Value Rate Designation	Not shared Other Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Billing =[value] Electric distribution utility =[value] =[value] Average marginal buy =[value] =[value] =[value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Account Number Utility Bilipayer Source Site Ratio Electric Distribution Utility Average Marginal Cost Rate Average Marginal Sell Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a s/a n/a s/a s/a s/a s/a s/unit	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Charge Rate Rate Charge Value Charge Rate Rate Charge Value Rate Charge Value Rate Designation Charge Rate Rate Designation Charge Rate	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Utility	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name  Utility Meter Number  Utility Account Number  Utility Billpayer  Source Site Ratio Electric Distribution Utility  Average Marginal Cost Rate  Average Marginal Sell Rate Energy Cost Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a n/a s/a n/a s/unit S/unit	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Charge Rate Rate Charge Value Charge Rate Rate Charge Value Rate Designation Charge Rate Rate Rate Rate Rate Charge Value Rate Designation Charge Rate Rate Rate Rate Charge Value Rate Designation Charge Rate Rate Charge Value Rate Designation Charge Rate Rate Rate Rate Charge Value	Not shared Other Unknown Power plant = value  Utility = value  Utility = value  Utility Account = value  Utility Account = value  Utility Account = value  = value	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			
	Utility Name Utility Meter Number Utility Account Number Utility Account Number Utility Bilipayer Source Site Ratio Electric Distribution Utility Average Marginal Cost Rate Average Marginal Sell Rate	lots Not shared Other Unknown [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value] [value]	n/a n/a n/a n/a n/a n/a n/a n/a s/a n/a s/a s/a s/a s/a s/unit	Company Name Contact Label Company Name Identifier Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Identifier Contact Label Company Name Source Site Ratio Contact Label Company Name Charge Rate Rate Charge Value Charge Rate Rate Charge Value Rate Charge Value Rate Designation Charge Rate Rate Designation Charge Rate	Not shared Other Unknown Power plant =[value] Utility =[value] Meter =[value] Utility Account =[value] Utility	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a			

ync me	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
E	nergy Sell Rate	[value]	\$/kWh	Resource	Electricity	n/a			
				Charge Rate Rate Charge Value	Sell =[value]	n/a \$/kWh			
				Unit of Measure	\$/kWh	n/a			
FI	ectric Demand Rate	[value]	\$/kW	Resource	Electricity	n/a		•	
-	ectric Demand Nate	[value]	J/ KVV	Rate Designation	Demand	n/a			
				Charge Rate	Buy	n/a			
				Rate Charge Value	=[value]	\$/kW			
				Unit of Measure	\$/kW	n/a			
D	emand Ratchet Percentage	[value]	%	Resource	Electricity	n/a			
				Demand Ratchet Percentage	=[value]	%			
D	emand Window			Schedule Period	Demand window	n/a			
		1	min	Interval Frequency	1 minute	n/a			
	ľ	10	min	1 ' '	10 minute	n/a			
	ľ	15	min	1	15 minute	n/a			
	ľ	30	min	1	30 minute	n/a			
		60	min	1	Hour	n/a			
		(Any other value)	min	1	Other	n/a			
R	ate Period Name	[value]	n/a	Schedule Period	Rate structure	n/a			
			<u> </u>	Description	=[value]	n/a			
T	OU Number for Rate Structure	[value]	n/a	Schedule Period	TOU rate	n/a			
				Rate Structure Name	=[value]	n/a		Integer converted to text	
C	onsumption Energy Tier	[value]	n/a	Tier ID	=[value]	n/a			
D	esignation								
N	lax kWh Usage	[value]	kWh	Rate Designation	Energy	n/a			
				Tier Maximum	=[value]	kWh			
L				Unit of Measure	kWh	n/a			
		[value]	MM-DD	Schedule Period	TOU rate	n/a			
R	ate			Rate Designation	Energy	n/a			
				Schedule Period Begin Month	=[value]	n/a		MM from BuildingSync must be converted to an integer	
				Schedule Period Begin Day	=[value]	n/a		DD from BuildingSync must be converted to an integer	
Α	pplicable End Date For Energy [value]	ralue]	MM-DD	Schedule Period	TOU rate	n/a		Ĭ	
	ate			Rate Designation	Energy	n/a			
				Schedule Period End Month	=[value]	n/a		MM from BuildingSync must be	1
				Seriedate i eriod Erio Montili	[value]	.,,		converted to an integer	
				Schedule Period End Day	=[value]	n/a		DD from BuildingSync must be	
						,		converted to an integer	
Α	pplicable Start Time For Energy	y [value]	hh:mm:ss	Schedule Period	TOU rate	n/a			BEDES 1.2 refers to a timestamp data type in military hours, but the
R	ate			Rate Designation	Energy	n/a			no format called "timestamp" that matches.
				Interval Start Time	=[value]	ннмм		Conversion of hour-minute combination is needed	
А	pplicable End Time For Energy	[value]	hh:mm:ss	Schedule Period	TOU rate	n/a			BEDES 1.2 refers to a timestamp data type in military hours, but the
	ate			Rate Designation	Energy	n/a			no format called "timestamp" that matches.
1.				Interval End Time	=[value]	HHMM		Conversion of hour-minute	
				c. vai Elia Time	[*oluc]			combination is needed	
M	lax kW Usage	[value]	kW	Resource	Electricity	n/a			
1	~	-		Rate Designation	Demand	n/a		İ	
				Tier Maximum	=[value]	kW		İ	
				Unit of Measure	kW	n/a		İ	
D	emand Rate Adjustment	[value]	\$/kW	Resource	Electricity	n/a		İ	
ĺ	· · · · · · · · · · · · · · · · · · ·		I	Rate Designation	Demand	n/a			
				Charge Rate	Adjustment	n/a			
				Rate Charge Value	=[value]	\$/kW			
				Unit of Measure	\$/kW	n/a			
А	pplicable Start Date For Demand	[value]	MM-DD	Resource	Electricity	n/a			
	ate			Schedule Period	TOU rate	n/a			
1.				Rate Designation	Demand	n/a		1	
				Schedule Period Begin Month	=[value]	n/a		MM from BuildingSync must be	
					[]	.,, -		converted to an integer	
				Schedule Period Begin Day	=[value]	n/a		DD from BuildingSync must be converted to an integer	
Δ	pplicable End Date For Demand	[value]	MM-DD	Resource	Electricity	n/a		converted to an integer	
	ate	[*aiac]	WIIWI DD	Schedule Period	TOU rate	n/a			<u> </u>
K	arc.								
				Rate Designation Schedule Period End Month	Demand =[value]	n/a n/a		MM from BuildingSync must be	<del> </del>
								converted to an integer	
- 1				Schedule Period End Day	=[value]	n/a		DD from BuildingSync must be converted to an integer	

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	Applicable Start Time For Demand Rate	[value]	hh:mm:ss	Resource	Electricity	n/a			BEDES 1.2 refers to a timestamp data type in military hours, but there no format called "timestamp" that matches.
	rate			Schedule Period Rate Designation	TOU rate Demand	n/a n/a			no format called "timestamp" that matches.
				Interval Start Time	=[value]	HHMM		Conversion of hour-minute	+
				interval start time	-[value]			combination is needed	
	Applicable End Time For Demand	[value]	hh:mm:ss	Resource	Electricity	n/a			BEDES 1.2 refers to a timestamp data type in military hours, but there is
	Rate			Schedule Period	TOU rate	n/a			no format called "timestamp" that matches.
				Rate Designation	Demand	n/a			
				Interval End Time	=[value]	ннмм		Conversion of hour-minute combination is needed	
	Reactive Power Charge	[value]		Resource	Electricity	n/a			
				Charge Rate	Reactive power charge	n/a			
				Rate Charge Value Unit of Measure	=[value] \$/kVAR	\$/kVAR n/a			
	Minimum Power Factor Without	[value]	%	Resource	Electricity	n/a			
	Penalty	[value]	/0	Minimum Power Factor Without	=[value]	%			
				Penalty	-[value]	/6			
	Emission Boundary	[value]	n/a	Emission Boundary	=[value]	n/a			
	GHG Emissions	[value]	kgCO2e	Interval Frequency	Annual	n/a			
				Interval Measure	Total	n/a			
				Emission Gas Type	CO2e	n/a			4
				Emissions Value	=[value]	kgCO2e			
	Avoided Emissions	[value]	kgCO2e	Interval Frequency Interval Measure	Annual Total	n/a n/a			
				Emission Source	Avoided	n/a			
				Emission Gas Type	CO2e	n/a			
				Emissions Value	=[value]	kgCO2e			
	Emissions Type	[value]	n/a	Emission Gas Type	=[value]	n/a			
	Emissions Factor	[value]	kg/MMbtu	Emissions Factor	=[value]	kg/MMBtu			
				Unit of Measure	kg/MMBtu	n/a			
	Emissions Factor Source	[value]	n/a	Origin	=[value]	n/a			
Time Series	Start Time Stamp	[value]	CCYY-MM- DDThh:mm:ss.sss	Interval Start Time	=[value]	CCYY-MM- DDTHH:MM:SS.S SS			
				Date Format	DateTime	n/a			
	End Time Stamp	[value]	CCYY-MM- DDThh:mm:ss.sss	Interval End Time	=[value]	CCYY-MM- DDTHH:MM:SS.S SS			
				Date Format	DateTime	n/a			
	Time Series Reading Quantity	Currency	n/a	Power Metric	Other	n/a			
		Current	n/a	Power Metric	Current	n/a			
		Current Angle	n/a	Power Metric Power Metric	Current angle Other	n/a			
		Demand Frequency	n/a n/a	Power Metric Power Metric	Frequency	n/a n/a			
		Power	n/a	Power Metric	Power	n/a			
		Power Factor	n/a	Power Metric	Power factor	n/a			
	ľ	Energy	n/a	Power Metric	Other	n/a			
		Voltage	n/a	Power Metric	Voltage	n/a			
		Voltage Angle	n/a	Power Metric	Voltage angle	n/a			
		Distortion Power Factor	n/a	Power Metric	Distortion power factor	n/a			
	}	Volumetric Flow	n/a n/a	Power Metric Weather Metric	Volumetric Flow	n/a n/a			
	}	Humidity ratio Relative humidity	n/a n/a	Weather Metric Weather Metric	Humidity ratio Relative humidity	n/a n/a			
	ł	Diffuse Horizontal Radiation	n/a n/a	Weather Metric	Diffuse horizontal radiation	n/a n/a			
	ļ	Direct Normal Radiation	n/a	Weather Metric	Direct normal radiation	n/a			
		Global Horizontal Radiation	n/a	Weather Metric	Global horizontal radiation	n/a			
		Dry Bulb Temperature	n/a	Weather Metric	Dry Bulb Temperature	n/a			
		Wet Bulb Temperature		Weather Metric	Wet Bulb Temperature	n/a			
		Wind Speed	n/a	Weather Metric	Wind speed	n/a			
		Other	n/a	Power Metric	Other	n/a			The reading sould be sister a Dower Matrie or Meather 14-1-1-
	Interval Reading	[value]	n/a	Power Metric Value Weather Metric Value	=[value]	n/a			The reading could be either a Power Metric or Weather Metric, depending on Time Series Reading Quantity.
	Deading Tune	[unlun]	2/2		=[value] =[value]	n/a			acpending on Time Series reading Quantity.
	Reading Type Phase	[value] [value]	n/a n/a	Interval Measure Phase	=[value] =[value]	n/a n/a			1
	Energy Flow Direction	[value]	n/a n/a	Current Flow Direction	=[value]	n/a n/a			
	Interval Frequency	[value]	n/a	Interval Frequency	=[value]	n/a			
	Heating Degree Days	[value]	°F-days	Weather Metric	Heating Degree Days	n/a			
		<u> </u>	<u> </u>	Weather Metric Value	=[value]	°F-days			
	Cooling Degree Days	[value]	°F-days	Weather Metric	Cooling Degree Days	n/a			
				Weather Metric Value	=[value]	°F-days			

BuildingSync Table Name	BuildingSync Term	BuildingSync Value	BuildingSync Units	BEDES Term	Value Mapping	BEDES Unit	Unit Conversion	Other Conversion Operations	Notes
	HDD Base Temperature	[value]	°F	(No corresponding field)					In BEDES, HDD is always relative to 50F.
	CDD Base Temperature	[value]	°F	(No corresponding field)					In BEDES, CDD is always relative to 65F.
	Resource Use ID	IDRef	n/a	(No corresponding field)					Hierarchical element not used in BEDES
Audit Summary	Audit Date	[value]	CCYY-MM-DD	Action Category	Audit	n/a			
				Implementation Status Date	=[value]	CCYY-MM-DD			
				Date Format	Date	n/a			
	ASHRAE Audit Level	Preliminary Energy-Use Analysis	n/a	ASHRAE Audit Level	Other	n/a			
		Level 1: Walk-through	n/a		Level 1	n/a			
		Level 2: Energy Survey and	n/a		Level 2	n/a			
		Analysis							
		Level 3: Detailed Survey and Analysis	n/a		Level 3	n/a			
	Auditor Contact ID	IDRef	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Audit Cost	[value]	Ś	Action Category	Audit	n/a			
	1	(**************************************	T .	Cost	=[value]	n/a			There is no Cost Attribution for audits
				Unit of Measure	Ś	n/a			
	Analysis Period	[value]	yrs	Cost Period	=[value]	Years			
	,		ľ	Unit of Measure	Years	n/a			
	Discount Factor	[value]	%	Discount Factor	=[value]	%			
	Gas Price Escalation Rate	[value]	%	Resource	Natural Gas	n/a			
				Escalation Rate	=[value]	%			
	Electricity Price Escalation Rate	[value]	%	Resource	Electricity	n/a			
				Escalation Rate	=[value]	%			
	Water Price Escalation Rate	[value]	%	Resource	Water	n/a			
				Escalation Rate	=[value]	%			
	Escalation Rate	[value]	%	Escalation Rate	=[value]	%			
	Inflation Rate	[value]	%	(No corresponding field)					
	Auditor Qualification	[value]	n/a	Contact Label	Energy Auditor	n/a			
				Credential	=[value]	n/a			
	Auditor Qualification Number	[value]	n/a	Contact Label	Energy Auditor	n/a			
				Credential Number	=[value]	n/a			
	Auditor Qualification State	[value]	n/a	Contact Label	Energy Auditor	n/a			
				Credential State	=[value]	n/a			
	Certification Expiration Date	[value]	CCYY-MM-DD	(No corresponding field)					
	Certified Audit Team Member Contact ID	IDRef	n/a	(No corresponding field)					Hierarchical element not used in BEDES
	Audit Exemption	[value]	n/a	Audit Exemption	=[value]	n/a		İ	